

# CURRICULUM VITAE

*Walter Daelemans*

July 2010

Place and date of birth:	Deurne (Belgium), June 3rd, 1960
Nationality:	Belgian
Position:	Professor
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## Education

Secondary School (ASO) Xaveriuscollege (Antwerp), Latin-Mathematics, (graduated 1978).

BA University of Antwerp (Kandidaat Germaanse Filologie), 1980.

MA University of Leuven (Licentiaat Germaanse Filologie), 1982. Major: General Linguistics, Minor: English language and literature.

Teaching Qualification (Aggregatie HSO), University of Leuven, 1982.

Special Diploma Psycholinguistics (Postgraduate Degree), University of Leuven, 1983.

Certificate Scientific Journalism, University of Nijmegen, 1985.

Ph.D. Computational Linguistics (Doctoraat Letteren en Wijsbegeerte, met grootste onderscheiding), University of Leuven. Dissertation on *Studies in Language Technology: An Object-Oriented Computer Model of Morpho-phonological Aspects of Dutch*, 1987.

## Experience

### Current Positions

Full Professor; Department of Linguistics, Computational Linguistics and Psycholinguistics Research Center (CLiPS), Computational Linguistics Group, University of Antwerp. Research on and teaching (graduate and postgraduate level) of Artificial Intelligence and Computational Linguistics. Research director of CLiPS. (October 1999 - December 2005, *hoogleraar*; from January 2006 *gewoon hoogleraar*).

Research Fellow of the Tilburg Centre for Cognition and Communication, Tilburg University. From 2009.

## Previous Positions

Research Assistant, Language Technology Project, Faculty of Social Sciences, Department of Psychology, *University of Nijmegen*. Artificial Intelligence research and programming. February 1984 – August 1985.

Military service, Computer Department, Royal Higher Institute for Defense, Military Academy, Brussels. Development of administrative programs and computer war simulations, September 1985 – June 1986.

Research Assistant, Artificial Intelligence Laboratory, Faculty of Sciences, Computer Science Department, *Free University of Brussels*. Artificial Intelligence research on Office Automation and Natural Language Processing, July 1986 – January 1989.

Computational Linguistics and AI, Faculty of Language and Literature, *Tilburg University*. Research on and teaching of Natural Language Processing and Artificial Intelligence. Assistant Professor (Universitair Docent, February 1989 - February 1994); Research Scientist (Toegevoegd Onderzoeker C, March 1994 - December 1995); Associate Professor (Universitair Hoofddocent, January 1996 - October 1999). Interim Scientific Director of the Tilburg Institute for Language Technology and AI (ITK) (March - November 1995). Founder and Research Director of the ILK (Induction of Linguistic Knowledge) research group (from January 1997). Part-time Associate Professor (Universitair Hoofddocent), and co-director of ILK (October 1999 - September 2002). Part-time full professor (Hoogleraar) *Machine Learning and Language Technology* and co-director of ILK (January 2003 - December 2005).

Assistant Professor (January 1990 - December 1995); Associate Professor (January 1996 - October 2003); Professor (January 2003 - December 2005) of the Nijmegen/Tilburg Center for Language Studies (CLS) research institute and LOT (Netherlands Graduate School of Linguistics).

Part-time Associate Professor (Hoofddocent), Linguistics Department, *University of Antwerp*. January 1990 - February 1999; Part-time Professor (Hoogleraar), February 1999 - October 1999.

Guest Professor “Techniques of Artificial Intelligence: Text Mining”, Faculty of Sciences, Computer Sciences, AI-LAB, VUB (*University of Brussels*), October 2000 - October 2003.

Guest Professor “Text Mining”, MA Human Aspects of Information Technology, Faculty of Humanities, Tilburg University, November-December 2007.

## Project Management

Abbreviation explanations: NWO (Dutch National Fund for Scientific Research), NFWO, FWO (Belgian/Flemish National Fund for Scientific Research), CLS (Tilburg/Nijmegen Center for Language Studies), STW (Dutch Society for Technical Sciences), IWT (Institute for the Promotion of Innovation by Science and Technology in Flanders), SOBU (Association for Research Cooperation between Tilburg and Eindhoven Universities), S.A.I.L. (Speech AI and Language), NCF (Stichting Nationale Computer Faciliteiten), BOF (Special Research Fund University of Antwerp), EU (European Union), STEVIN (Stimulation programme for the development of resources for Dutch language and speech technology). Only local budgets are given in cooperative projects. With shared coordinatorship, The responsible or main coordinator is in italics. All budgets converted to euro but not adapted for inflation.

### Current Project Coordination

BOF GOA project “Biograph: Text Mining with Heterogeneous knowledge bases”. 1/7/2007–31/12/2011. (*Daelemans*, Paredaens, Del-Favero, De Rijk). [1,103,000 EURO]. Researchers: Roser Morante, Emmanuel Keuleers (1/1/2008-30/6/2008), Vincent Van Asch (from 1/1/2009 to 1/7/2010).

FWO project “Computational techniques for stylometry for Dutch.” 1/1/2006–31/12/2010. (*Daelemans*, De Pauw, Vanhoutte). [227,700 euro]. Researchers: Kim Luyckx, Mihai Tolea (from 1/10/2008 to 30/9/2009), Frederik Vaassen (from 1/9/2009 to 31/12/2009). [227,700 EURO].

FWO research project “Statistical Relational Learning of Natural Language.” 1/1/2010–31/12/2013. [269,800 EURO]. Researcher: Vincent Van Asch.

FWO W.O.G. “CLIF: Computational Linguistics in Flanders.” (inter-university cooperation on Computational Linguistics, Language and Speech Technology). 1/1/2006–31/12/2010. [12,500 EURO].

FWO W.O.G. “Machine Learning and Data Mining Applications” (inter-university cooperation on Machine Learning). 1/1/2009–31/12/2013. [8929 EURO].

IOF PhD project “Artificial creativity in visual communication and arts.” 01/10/2008–30/09/2010. (*Daelemans*, Nijs). [70,000 euro]. Researcher: Tom De Smedt.

BOF PhD project “A safer internet: semi-automatically recognizing internet paedophilia in multilingual online social networks.” (*Daelemans*, Van Vaerenbergh) 1/1/2010–31/12/2011. [83,600 EURO]. Researcher: Claudia Peersman.

FWO PhD project “Exemplar-based models of human sentence comprehension.” 1/10/2007–30/9/2011. (*Sandra*, *Daelemans*). [151,701 EURO]. Researcher: Bram Vandekerckhove.

FWO PhD project “The end rhyme in Middle Dutch epic literature: development and relationship to authorship and genres.” 1/1/2008–30/9/2010. (*Willaert*, *Daelemans*). [73,290 EURO]. Researcher: Mike Kestemont.

EU Project FP6, ICT-216886-PASCAL2, Network of Excellence, “PASCAL 2: Pattern Analysis, Statistical Modelling and Computational Learning.”, 1/3/2008–28/2/2011. [7,200 euro].

EU Project FP6, ECP-2007-LANG-617001, Fostering Language Resources Network (FLARE-NET). 1/9/2008–31/8/2011. [9,000 euro].

BOF project “Towards a synthesis of knowledge-based and data-based methods in computational linguistics.” 1/10/2009–30/9/2010. [30,000 EURO].

EWI research project “STYLENE: a web service for stylometry and readability research for the Dutch language.” (*Daelemans*, Hoste). Cooperation with LT3 Ghent. 1/1/2010–31/12/2011. [120,000 EURO]. Researcher: Koen Vereeken.

EWI research project “TTNWW: TST tools for Dutch as web services in a workflow.” 1/1/2010–30/9/2012. [59,000 EURO].

IWT Tetra project “Delearyous: interpersonal communication training of natural language interaction with autonomous virtual characters.” 1/1/2010–31/12/2012. [81,400 EURO]. (Daelemans, *Eneman*). Cooperation with Groep T Leuven. Researcher: Frederik Vaassen.

### Previous Projects, chronological according to start date

Team manager AI-LAB Brussels for ESPRIT project 82 (Intelligent Work Station), 1986-1989.

Van Dale Lexicography (Utrecht): software development for computing pronunciation representations for a Dutch/French dictionary (Robert and van Dale) using the GRAFON-D system, 1987 and 1993.

1990

NFWO Research Grant 8.0034.90 (Fundamentele Menswetenschappen) “Morfofonologische aspecten van het Nederlandse lexicon” (Morphophonological Aspects of the Dutch Lexicon), (Coordination: *Gillis*, Daelemans, De Schutter, Taeldeman), 1/1/1990–31/12/1993. [74,370 EURO]. Researcher: Gert Durieux.

1991

Initiator, network coordinator (1991-1995), and Tilburg site coordinator (1991–1997) of Erasmus network (ICP NL-1022/09) on Natural Language Processing (with as partners Tilburg University, University of Antwerp, University of Barcelona, University of Catalunya, University of Sussex, University of Manchester, University of Gothenburg, University of Saarbruecken, University of Bielefeld, Dublin City University, Open University Madrid, Paris 7 University, University of Sheffield, Trondheim University, Torino University, University of Leeds, and Université de Provence). Student Mobility and (from 1994) Joint Curriculum Development. [53,000 EURO]

1994

NFWO PhD project, “Machine learning of pragmatic knowledge”, 1994-1996. [61,970 EURO]. Researcher: Bart Van Hoorick.

NFWO Research Grant 2.0101.94 (FKFO) “De verwerving van talige kennis: cognitieve en taal-technologische aspecten” (The acquisition of linguistic knowledge: cognitive and language technology aspects), (Coordination: Daelemans, *Gillis*, De Schutter, Taeldeman, Cuyt), 1/1/1994–31/12/1997. [198,300 EURO]. Researcher: Gert Durieux.

KEMA project “Data Mining for prediction of cooling water restrictions in power stations”, 1994-95. [18,150 EURO]. Researcher: Jakub Zavrel.

1995

NFWO grant “Electronic Archive for Language Technology of Dutch” (with *Gillis*), 1995. [12,390 EURO]

Research Council University of Antwerp (sponsored by Flemish Government) project “Memory-Based Part of Speech Tagging”, (Coordination: *Daelemans*, *Gillis*), 1/7/1995–30/6/1996. [34,700 EURO]. researcher: Peter Berck.

IWT Research Grant 940047 “FONILEX: een uitspraaklexicon voor het Nederlands in Vlaanderen” (A Pronunciation Lexicon of Flemish Dutch), (Coordination: *Gillis*, Daelemans), Cooperation with CCL (Mertens) and ELIS (Van Coile). 1/7/1995–30/4/1997. [27,270]. Researcher: Peter Berck.

CLS PhD Project “Machine Learning as a Tool in Linguistic Research”, 1/2/1995 - 31/1/1999 (an ILK project). [83,950 EURO]. Researcher: Jakub Zavrel.

STW Project NGN55.3615 “Hybrid Modelling Techniques for Data-base mining.” (Coordination: C. Gielen, K.U.Nijmegen), 1/9/1995–31/12/1999. [90,760 EURO]. Researcher: Machiel Westdijk.

- 1996**
- NFWO-NWO Flemish-Dutch cooperation research project G.2201.96 “A data-driven model of language acquisition: computational and psycholinguistic studies” (coordination: De Schutter, *Gillis*, Daelemans), 1/1/1996–30/9/1999. Extended until 31/12/2000. [260,585 EURO]. Researcher: Masja Kempen.
- 1997**
- SOBU PhD Project 97J “Leeralgoritmen voor de constructie van een voorleesmodel.” (Machine Learning for linguistic aspects of Text-to-Speech), (Cooperation with Eindhoven technical University, R. Collier), 1/1/1997–31/12/2000. [90,760 EURO]. Researcher: Bertjan Busser.
- CLS PhD Project “Memory-Based Syntactic Analysis”, 1/1/1997–31/12/2000. [84,090 EURO]. Researcher: Jorn Veenstra.
- BOF, University of Antwerp, library credit, “Machine Learning of Language.” 1/1/1997–31/12/1997. [992 EURO].
- FWO Research Grant G.0157.97 “Linguaduct: Contextuele interpretatie van natuurlijke taal door middel van abductieve redenering en inductief verworven kennis” (Contextual interpretation of natural language by means of abductive reasoning and inductively acquired knowledge). Cooperation with CCL, and Computer Science Leuven, Computer Science UIA). 1/1/1997–31/12/2000. [114,000 EURO]. Researchers: Peter Berck (1/5/97–31/12/97), Guy De Pauw (1/7/97–30/9/98), Véronique Hoste (1/11/98–31/12/2000).
- NWO project ILK (Induction of Linguistic Knowledge): PhD Project 300-75-302, “Machine Learning of Subcategorisation.”, Sabine Buchholz, 1/5/1997–30/6/2001; Postdoc Project 300-75-301, “Generalization and Abstraction from Language Data.”, Antal van den Bosch (from 1 Sep 1997 until 1 Jul 1999); dr. Khalil Sima’an (1 Jul 1999 - 31 Dec 2001). [272,270 EURO]
- 1998**
- ESPRIT TMR network 970139 “Extending Computational Grammars by Learning”, April 1, 1998 - July 31, 2001. [210,000 EURO]. Researcher: dr. Erik Tjong Kim Sang.
- FWO PhD Project “Syntax as bottleneck in language technology research.”, (Supervision: *Daelemans*, *Gillis*), 1/10/1998–30/9/2002. [123,950 EURO]. Researcher: Guy De Pauw.
- SOBU PhD Project 98D “Automatische inductieve leertechnieken voor planningssystemen.” (Automatic inductive learning for planning). 1/12/1998–1/12/2002. (Coordination: *van den Bosch*, *Daelemans*). Cooperation with Eindhoven University (Weijters). [90,910 EURO] Researcher: Laura Maruster.
- Concerted Research Action (GOA) Flemish Government, “Computational Psycholinguistics: natural and artificial language acquisition and processing.” (Coordination: *Gillis*, *Daelemans*, *De Schutter*) in cooperation with UFSIA (*Sandra*), 1/1/1998–31/12/2001. Researchers: Gert Van Rillaer, Gert Durieux, Helena Taelman, Evelyn Martens. [495,787 EURO]. Extension 1/1/2002–31/12/2003. [242,940 EURO]. (Total GOA budget: 1,167,207 EURO). Researchers: Gert Durieux, Evelyn Martens.
- 1999**
- NWO subsidies in the framework of the Dutch-Flemish *Corpus Gesproken Nederlands* (Corpus Spoken Dutch) project; “Evaluation of part-of-speech taggers”, 15/2/99–15/6/99. [12,480 EURO] and “Construction of a tagger factory”, 1/9/99–31/12/2002. [10,180 EURO]. Researcher: Jakub Zavrel (1/2/99–1/9/99).
- CELE, S.A.I.L Trust research project “Neuro-evolutionary language and speech technology”. 1/4/1999 - 31/12/2000. [176,893 EURO]. Researchers: Anne Kool (from 1/4/1999), Jakub Zavrel (from 1/9/1999).
- 2000**
- NCF research grant “Parallelisation of Memory-Based Learning in TiMBL”, 22/12/99–22/12/2000. [22,270 EURO]. Researchers: Jakub Zavrel, Ko van der Sloot.

Analysis of the domain of language technology and image processing. Flemish Government (Economy), minister Dirk Van Mechelen. 1/11/2000–31/10/2002. [12,394 EURO].

The E-Corporation n.v. research project “Topic spotting and tracking in newspaper text”. 1/7/2000–31/7/2003. [148,740 EURO]. Researcher: Eric Van Horenbeek.

IWT STWW (Strategische Technologieën voor Welzijn en Welvaart) TOP project, “ATRANOS: Automatic Transcription and Normalisation of Speech”. 1/10/2000–30/9/2004. In cooperation with CCL and ESAT, Leuven, and ELIS Gent. [341,225 EURO]. Researcher: Bart Decadt (until July, 2001); Erik Tjong Kim Sang (from July, 2001).

Wetenschappelijke Onderzoeksgemeenschap (Scientific Research Community) “Computational Linguistics, Language and Speech Technology”. 1/1/2000–31/12/2004. With CCL, ESAT, ELIS, ETRO, Lessius, ARTI. [10,337 EURO].

**2001**

Nederlandse Taalunie project “Action plan Dutch in language and speech technology”. 1/1/2001–31/08/2001. [30,608 EURO]. Researcher: Masja Kempen.

FWO-NWO Flemish-Dutch cooperation research project (VNC project) G.2201.01 “Text Analysis and Machine Learning for Prosody” (PROSIT). 1/1/2001–31/12/2004. (Coordination *Daelemans*, Gillis, Swerts). Cooperation with Tilburg University ILK research group (*Van den Bosch*, *Daelemans*, *Paijmans*). [212,593 EURO]. Researcher: Véronique Hoste.

FWO project “Language acquisition in children with a cochlear implant”. 1/1/2001–31/12/2004. (Coordination *Gillis*, *Daelemans*). Cooperation with UIA medical faculty (*Offeciers*, *Govaerts*). [237,383 EURO].

Project MIDP (Multilingual, Informatics Development Project), cooperation between Province of Antwerp, the University of Antwerp, the Provincial government of the Free State and the University of the Free State. 1/5/2001–31/1/2004.

**2002**

FWO hardware grant “Genetic algorithms and data mining for language and speech technology” (parallel computer cluster). (Coordination: *Naudts*, *Calders*, *Daelemans*). 2002. [34,160 EURO].

EU project METIS (Statistical Machine Translation using Monolingual Corpora), IST-2001-32775, 1/3/2002–28/2/2003. Subcontractor of CCL Leuven for lemmatization and POS tagging. [10,000 EURO].

BOF opvangmandaat FWO (University of Antwerp) project “Techniques for the incorporation of linguistic knowledge in machine learning of language”, 1/10/2002–30/09/2003. [25,000 EURO]. Researcher: Fien De Meulder.

EU project MUSA (Multilingual Subtitling of Multimedia Content), IST-2002-38299, 1/9/2002–28/2/2005. Partners: ILSP (coordinator), CNTS, BBC, Systran, Lumière Cosmos, ESAT-PSI. Researcher: Anja Höthker. [196,332 EURO].

FWO project G.0350.02 “SEMADUCT: combination of deductive and inductive techniques for lexical semantics”. In cooperation with CCL, Leuven. [217,551 EURO]. 1/1/2002–31/12/2005. Researcher: Bart Decadt.

IWT-GBOU project “OntoBasis. Foundations, construction, services, and applications of Ontologies”. 1/1/2002–31/12/2005. In cooperation with STAR and WISE, Brussels. [365,831 EURO]. Researcher: Marie-Laure Reinberger.

IWT GBOU project FLAVOR (Flexible Large Vocabulary Recognition), 020192, 1/10/2002–30/9/2006. (Coordination: *Daelemans*, *Gillis*). Researchers: Guy De Pauw, Evie Coussé (until 1 October 2004), Kim Luyckx (from 1 October, 2004). [680,640 EURO].

- FWO Scientific Research Community “Machine Learning for Datamining and its Application”. 1/1/2002–31/12/2006. Participants: CNTS, Computational Modeling Lab (VUB), ESAT-SISTA (University of Leuven), DTAI (University of Leuven), ISLab (University of Antwerp). [12,500 EURO]. **2003**
- FWO PhD Project “The use of very large textcorpora in the automatic discovery of structure in natural language.”, (Supervision: *Daelemans*, Van Der Auwera), 1/10/2003–30/9/2007. [31,084 euro]. Researcher: Fien De Meulder. Stopped January 2005.
- BOF-NOI project “Semi-supervised learning of Information Extraction”, 1/1/2003–31/12/2004, extended 1/4/2005. (Coordination: *Tjong Kim Sang*, Paredaens, Daelemans). Researcher: An De Sitter. From 1/9/2004, coordination Daelemans and Paredaens, from 1/1/2005, researcher Véronique Hoste. [78,000 EURO].
- NWO IMIX small programme “ROLAQUAD: Robust language understanding for question answering dialogues.” (*Daelemans*, van den Bosch), 1/12/2003–30/11/2007. [299,867 EURO]. Researchers: Sander Canisius, dr. Piroska Lendvai.
- EU project BIOMINT (Biological Text Mining), QLRT-2001-02770. 1/1/2003–3/03/2006. Partners University of Manchester (coordinator), CNTS, PharmaDM, OFAI, SIB, University of Geneva. [240,994 EURO]. Researcher: Frederik Durant (until May 14, 2004); Jo Meyhi (from May 3, 2004).
- EU Project FP6 IST-2002-506778, Network of Excellence, “PASCAL: Pattern Analysis, Statistical Modelling and Computational Learning.”, 1/12/2003–29/02/2008. [128,000 EURO]. **2004**
- FWO project “Situational factors in the production of inflected word forms: a psycholinguistic and computational approach” (*Sandra*, Martensen, Daelemans), 1/1/2004–31/12/2007. [226,900 EURO]. Researcher: Emmanuel Keuleers.
- Supercomputing cluster project, Flanders Ministry of Science, Innovation and Media. 1/1/2004–31/12/2006. (*Cuyt*, Peeters, Van Broeckhoven, De Schutter, Van Alsenoy, Daelemans). [1,000,000 EURO]. **2005**
- PASCAL pump priming project “Textual Entailment: a Generic Framework for Applied Semantic-oriented Inference” In cooperation with Bar-Ilan University, XEROX Grenoble, University of Geneva. 1/3/2005-31/12/2005. [20,000 EURO]. Researcher: Anja Höthker.
- STEVIN project “COREA: Coreference Resolution for Extracting Answers.” In cooperation with University of Groningen and Language and Computing. 1/4/2005–1/5/2007 (extended until 31/10/2007). [181,260 EURO]. Researcher: Véronique Hoste. From May 1, 2006: Iris Hendrickx. **2006**
- STEVIN project “DAESO: Detecting and Exploiting Semantic Overlap.”, in cooperation with University of Tilburg, University of Amsterdam, and Textkernel, 01/06/2006–31/05/2009. [154,999 euro]. Researcher: Iris Hendrickx. **2007**
- IWT (TETRA fund) project “GRAVITAL: natural language analysis for generating visual communication and art.”, in cooperation with Sint-Lucas (KdG University College, 01/01/2007–31/12/2008, (Nijs, Daelemans). [74,412 euro]. Researcher: Vincent Van Asch. **2008**
- STEVIN demonstration project “NEON: Dutch Subtitling.” with Twente University, VRT, NOS, University of Leuven, University of Ghent. 1/4/2008–31/5/2009. [9,000 euro].

## Teaching Experience

My teaching expertise is in Artificial Intelligence, Cognitive Science, Programming for Artificial Intelligence, Machine Learning, Digital Humanities, Computational Psycholinguistics, and Natural Language Processing, both at introductory and at advanced levels.

### Undergraduate Teaching

#### University of Leuven

*Engelse grammaticale oefeningen en woordenschat.* (English Grammatical Exercises and Vocabulary) (student-assistant; supervision Prof. B. Rudzka), 1981-1982.

#### University of Nijmegen

*Computationele psycholinguïstiek en taaltechnologie.* (Computational Psycholinguistics and Language Technology) (with Gerard Kempen and others) 1984-1985.

#### Computer Science Brussels (AI-LAB)

*Inleiding AI.* (Introduction to Artificial Intelligence) (with Luc Steels and others), 1987-1990.

*Natuurlijke taal verwerking.* (Natural Language Processing) (with Luc Steels), 1987-1988, 1989-1990.

*Technieken van de Artificiële Intelligentie I.* (Artificial Intelligence Techniques I. Natural Language Processing), 2000-2003.

#### Tilburg University

*Automatisch vertalen.* (Machine Translation) (with H. Kempff), 1989-1990.

*Systemen voor redactionele ondersteuning.* (Systems for Redactional Support) (with E. van der Linden), 1989-1990.

*Computationele lexicografie en lexicologie.* (Computational Lexicography and Lexicology) (with E. van der Linden), 1989-1991.

*Toegepaste taal- en teksttechnologie.* (Applied Language and Text Technology) (with E. van der Linden), 1990-1992.

*AI Systemen voor natuurlijke taalverwerking.* (AI Systems for Natural Language Processing) 1989-1995.

*AI formalismen in LISP.* (AI Formalisms in LISP). 1989-1995.

*Programmeerproject.* (Programming Project). (coordination), 1991-1995.

*Computerlinguïstiek.* (Computational Linguistics) (with H. Bunt and R. Muskens), 1994-1995.

*Lerende Systemen voor natuurlijke taal.* (Machine Learning of Natural Language), 1995-1997.

*Kunstmatige Intelligentie.* (Artificial Intelligence), 1994-1995, 1996-1998.

*Declaratief programmeren.* (Declarative Programming) (with E. Thijsse), 1995-1998.

*Automatische Taalanalyse.* (Automatic Analysis of Language), 1997-1998.

*Lerende Systemen.* (Machine Learning), 1998-1999.

*Automatische informatie-extractie en samenvatting.* (Automatic Information Extraction and Summarization), 1998-1999.

*Programmeren.* (Programming), 1998-1999.

*Text Mining* (with A. van den Bosch). 2004-2005; 2007-2008.

### University of Antwerp

*INTERNET voor taal- en literatuurwetenschap* (INTERNET for Linguistics and Literary Science), (LING 406), 1997-2000.

Replaced *INTERNET en elektronische hulpmiddelen voor onderzoek in de taalwetenschap.* (INTERNET and electronic tools for research in linguistics), 1994-1997.

*Capita Computerlinguïstiek.* (Selected Topics in Computational Linguistics), (LING 403), 1997-2004.

Replaced *Capita taal- en informatieverwerking.* (Selected Topics in Language and Information Technology), 1992-1997.

*Computerlinguïstiek.* (Computational Linguistics) (LING 400), 1997-2007.

Replaced *Taal- en informatieverwerking.* (Language and Information Processing), 1992-1997.

Replaced *Programmeren van linguïstische algoritmen.* (Programming of Linguistic Algorithms), 1989-1992.

*Taaltechnologie* (LING 401). (Language Technology), 1992-2006.

*Artificiële Intelligentie.* (Artificial Intelligence), (LING 402), 1997-2007.

Replaced *AI en AI-programmeertechnieken.* (Artificial Intelligence and AI Programming), 1992-1997.

Replaced *Exploratie van linguïstische databanken.* (Exploration of Linguistic Databases), 1989-1992.

*Programmeren voor AI en Computerlinguïstiek.* (Programming for Artificial Intelligence and Computational Linguistics), 1999-2006.

### Current courses

*Computerlinguïstiek.* (Computational Linguistics) (FLWTKM0110), 2007–

*Interdisciplinary Linguistics.* (BA) (FLWTL00050) (with Sandra, Cuvelier), 2005–.

*Computationele modellen van taalbegrip.* (Computational Models of Language Comprehension), (MA) (FLWTKM0120), 2007–

*Computationele psycholinguïstiek (capita selecta).* (Computational Psycholinguistics Selected Topics), (MA) (FLWTKM0130) (with Gillis, Sandra), 2007–

*Corpustaalkunde* (Corpus Linguistics), (MA), 2008-2009. Replacing Steven Gillis.

*Digital Humanities,* (BA), (with Van Hulle, Crombez), 2010–

**Postgraduate Degree in Language Technology.** Some of the previous courses (in modified form) were also presented as post-graduate courses. This degree has existed under various names: e.g. Speciale Licentie Computertaalkunde (Special degree Computational Linguistics), and GAS Taaltechnologie (Postgraduate degree Language Technology). From 1994 to 2004, it was part of a GGS (Interuniversitaire gespecialiseerde studie) in taalwetenschap (Inter-university Programme on Linguistics) as a specialisation module. This programme was replaced by a *Master of Advanced Studies in Linguistics* from 2005 (see below). Some of the courses are part of the free option programme of computer science students (Antwerp and Ghent) and library science students (Antwerp).

## Postgraduate Teaching

### Inter-university Advanced Master in Linguistics

Computational tools for linguistics (MALING01A62010), (with S. Gillis), 6 credits, 2004–

Cognitive Artificial Intelligence, (MALING01A62170), 6 credits, 2004–

Automatic text understanding, (MALING01A62160), 6 credits, 2004–

Interdisciplinary Linguistics Intensive Course, (MALING01A62230), 12 credits, 2004–

### Tilburg and CLS

Member Organization and Programme Committee TIAS (Tilburg Institute for Academic Studies) postgraduate course on *AI and Man-Machine Communication*. Co-organizer (with van der Linden) of Module 1 in this programme: AI: Applications and Problems, 1990-1991.

CLS course on ‘Neuro-Phonetics’ (with Johannesma and Wittenburg), Nijmegen, The Netherlands, December 1992.

CLS course on ‘Connectionism’ (with Wittenburg), Nijmegen, Max Planck Institute, The Netherlands, May 1994.

### Season Schools, Graduate Schools, and Conference Tutorials

AVT summerschool on ‘the Mental Lexicon’, invited contribution on ‘The Lexicon as a Complex Dynamic System.’, invitation Rob Schreuder, Nijmegen, The Netherlands, June 19, 1992.

International Summer School on Language, Logic, and Information (ESSLLI’94), advanced course on ‘Machine Learning of Natural Language’, invitation Gerald Gazdar, Copenhagen, August 1994.

Netherlands Graduate Summer School of Linguistics (LOT), graduate course on ‘Inductive Models of linguistic Knowledge’, Amsterdam, June 17-21, 1996.

International Summer School on Language, Logic, and Information (ESSLLI’96), workshop ‘Statistical Learning of Language.’ (with Ted Briscoe), invitation Ted Briscoe, Prague, August 1996.

ELSNET Summer School on Language and Speech Communication (Lexicon Development for Language and Speech Processing), course on ‘Lexical Acquisition’, (with Gert Durieux), invitation John Nerbonne, Leuven, July 1997.

Nemlap-3 and CoNLL’98 Invited Tutorial on ‘Introduction to Memory-Based Language Technology.’ Blue Mountains, Australia, January 12, 1998.

BCN, Graduate School for Behavioral and Cognitive Neurosciences, course on Computational Models of Language Acquisition, invited contribution on ‘Memory-Based Language Acquisition’, (with Gert Durieux), Invitation John Nerbonne, Groningen, June 30, 1998.

EAI’00 (Advanced School on Artificial Intelligence). Information Exploration and Learning from Text. Invited tutorial on ‘Memory-Based Language Processing: Applications in Language Engineering.’ Instituto Superior Técnico, Lisbon, Portugal, September 15, 2000.

International Summer School on Language, Logic, and Information (ESSLLI’03), course on ‘Memory-Based Language Processing.’, (with Antal van den Bosch), Vienna, Austria, August 18-22, 2003.

Swedish Graduate School of Language Technology, Module on ‘Memory-Based Learning’ in the course on Machine Learning, Göteborg, Sweden, October 20, 2003; October 27, 2005; October 23, 2007; October 20, 2009.

ECML-PKDD tutorial on ‘Machine Learning for Natural Language Processing’ (with Antal van den Bosch). Berlin, Germany, September 21, 2006.

PhD School in Language and Speech Technologies, module on ‘Machine Learning Approaches to developing language processing modules’, Tarragona, Spain, 17-20 October, 2006.

LOT Summerschool, course on ‘Machine Learning for modeling in psycholinguistics’ (with Emmanuel Keuleers), Leuven, Belgium, 11-15 June, 2007.

Interspeech Tutorial ‘Machine Learning for Text and Speech Processing’ (with Van den Bosch), Antwerpen, Belgium, August 27, 2007.

### **Teaching in Industry**

Flanders Language Valley, programme on Language and Computer Science, course on Computational Linguistics, (coordination with Van Eynde, and selected lectures), Ieper, 1998-2001.

Coordination Perl course for Lernout & Hauspie speech products (Lecturers: Tjong Kim Sang and Zavrel).

Course Design “Fundamentals of Speech, Artificial Intelligence and Language Technology” for S.A.I.L., Ieper (with Van Compernelle).

## Awards and Fellowships

For competitively awarded research grants, see section on project management.

Research Fellowship, directorate-general for international cultural co-operation, Flemish government, at K.U.Nijmegen, 1984-1985.

Best paper award (NVKI-award 1988) First Dutch AI-Conference, April 13th, 1988, Amsterdam.

Visiting Research Fellow, School of Cognitive and Computing Sciences, University of Sussex, England (June - August, 1988). Travel grants from NFWO and British Council.

NIAS Fellow (Netherlands Institute for Advanced Study in the Humanities and Social Sciences), theme group Human Syntactic Processing, September, 1 1995 - February 15, 1996.

Elected ECCAI Fellow (European Coordinating Committee for Artificial Intelligence), “for pioneering work in the field of Artificial Intelligence and outstanding service for the European Artificial Intelligence Community”, August 2003.

## Professional Activities

### Completed supervised Ph.D.’s

1. Hans Pajmans, *Explorations in the Document Vector Model of Information retrieval*, Tilburg University, September 14, 1999. [co-promotor].
2. Sabine Geldof, *Context-sensitivity in Advisory Text Generation*, University of Antwerp, October 16, 2000. [promotor].
3. Guy De Pauw, *An Agent-Based Evolutionary Computing Approach to Memory-Based Syntactic Parsing of Natural Language*, University of Antwerp, September 30, 2002. [promotor].
4. Sabine Buchholz, *Memory-Based Grammatical Relation Finding*, University of Tilburg, December 13, 2002. [promotor].
5. Laura Maruster, *A machine learning approach to understand business processes.*, University of Eindhoven, August 27, 2003. [promotor].
6. Olga van Herwijnen, *Weighted error minimization in assigning prosodic structure for synthetic speech*, University of Eindhoven, May 17, 2004. [promotor].
7. Piroska Lendvai, *Extracting information from spoken user input*, Tilburg University, December 20, 2004. [promotor].
8. Véronique Hoste, *Optimization Issues in Machine Learning of Coreference Resolution.*, University of Antwerp, March 11, 2005. [promotor].
9. Iris Hendrickx, *Local classification and global estimation. Explorations of the k-nearest neighbor algorithm.*, University of Tilburg, November 21, 2005. [promotor]
10. Martin Reynaert, *Text Induced Spelling Correction*, University of Tilburg, December 2, 2005. [promotor]
11. Emmanuel Keuleers, *Memory-Based Learning of Inflectional Morphology.*, University of Antwerp, March 6, 2008. [promotor].
12. Remi Van Trijp, *Analogy and Multi-Level Selection in the Formation of a Case Grammar.*, University of Antwerp, September 22, 2008. [promotor]

13. Eric Van Horenbeeck, *Topical Facets. Semantic patterns between documents and the vocabulary.*, University of Antwerp, December 8, 2008. [promotor]
14. Sander Canisius, *Structured prediction for natural language processing. A constraint satisfaction approach.*, Tilburg University, February 13, 2009. [promotor]
15. Stephan Raaijmakers, *Multinomial Language Learning. Investigations into the geometry of language.*, Tilburg University, December 1, 2009. [promotor]
16. Lieve Macken, *Sub-sentential alignment of translational correspondences.*, University of Antwerp, May 28, 2010. [promotor]

## Member Ph.D. Committees

1. Koenraad de Smedt, *Incremental Sentence Generation*, (NICI, University of Nijmegen, manuscript and promotion committee, 1990).
2. Jan Scholtes, *Neural Networks in Natural Language Processing and Information retrieval*, (University of Amsterdam, thesis and promotion committee, 1993).
3. Erik-Jan van der Linden, *A Categorical, Computational Theory of Idioms*, (Tilburg University, Ph.D. and promotion committee, 1993).
4. Sheila Williams, *A Computational System for Lexical Phonology*, (University of Reading, UK, External Examiner, 1993).
5. Theo Vosse, *Grammar-Based Spelling Error Correction in Dutch*, (University of Leiden, Referee and promotion committee, 1994).
6. Jim Entwistle, *A Parser for English using Constraints on Surface Sentence Form*, (The Flinders University of South Australia, External Examiner, 1995, 1998).
7. Paula Monachesi, *A Grammar of Italian Clitics*, (Tilburg University, Ph.D. and promotion committee, 1996).
8. Mieke Rats, *Topic management in Information Dialogues*, (Tilburg University, Ph.D. and promotion committee, 1996).
9. Jeroen Hoppenbrouwers, *Conceptual Modeling and the Lexicon.*, (Tilburg University, Ph.D. and promotion committee, 1997).
10. Antal van den Bosch, *Learning to pronounce written words. A study in inductive language learning.*, (Maastricht University, Ph.D. and promotion committee, 1997).
11. Licia Calvi, *A Proficiency-Adapted Framework for Browsing and Information Filtering in Web-Based Educational Systems.*, (University of Antwerp, examination committee, 1998).
12. Erik Tjong Kim Sang, *Machine Learning of Phonotactics.*, (University of Groningen, promotion committee, 1998).
13. Khalil Sima'an, *Learning Efficient Disambiguation.*, (University of Utrecht, promotion and manuscript committee, 1999).
14. Margriet Verlinden, *A constraint-based grammar for dialogue utterances.*, (Tilburg University, promotion and manuscript committee, 1999).
15. Lluís Màrquez i Villodre, *Part-of-speech tagging: A Machine Learning Approach based on Decision Trees.*, (Universitat Politècnica de Catalunya, membre de tribunal), 1999.
16. Erwin Marsi, *Intonation in Spoken Language Generation*, (Katholieke Universiteit Nijmegen, promotion committee), 2001.

17. Machiel Westerdijk, *Hidden Variable Models for Knowledge Discovery.*, (Katholieke Universiteit Nijmegen, manuscript and promotion committee), 2001.
18. Alexander Clark, *Unsupervised Language Acquisition: Theory and Practice.*, (University of Sussex, external examiner), 2001.
19. Andrea Krott, *Analogy in Morphology. The Selection of Linking Elements in Dutch Compounds.*, (Katholieke Universiteit Nijmegen, manuscript and promotion committee), 2001.
20. Sandra Kübler, *Memory-Based Parsing of a German Corpus.*, (Universität Tübingen, reviewer), 2003.
21. Christophe Costa Florencio, *Learning Categorical Grammars.*, (Utrecht University, manuscript and promotion committee), 2003.
22. Stasinios Konstantopoulos, *Using ILP to Learn Local Linguistic Structures.*, (University of Groningen, manuscript and promotion committee), 2003.
23. Fermin Moscoso del Prado Martin, *Paradigmatic Structures in Morphological Processing.*, (University of Nijmegen, cum laude and promotion committee), 2003.
24. Tanja Gaustad, *Linguistic Knowledge and Word Sense Disambiguation.*, (University of Groningen, manuscript and promotion committee), 2004.
25. Stefan Frank, *Computational modeling of discourse comprehension.* (University of Nijmegen, manuscript and promotion committee), 2004.
26. Victoria Frâncu, *Multilingual access to information using an intermediate language.* (University of Antwerp doctoral jury), 2004.
27. Mary Hearne, *Data-Oriented Models of Parsing and Translation.* (Dublin City University, external examiner), 2004.
28. Pham Hong Nguyen, *Thin Parsing.* (University of Sydney, external examiner), 2005.
29. Joris Van Looveren, *Design and Performance of Pre-Grammatical Language Games.* (Vrije Universiteit Brussel, doctoral jury member), 2005.
30. Joakim Nivre, *Inductive Dependency Parsing of Natural Language Text.* (Växjö University, opponent), 2005.
31. Ielka van der Sluis, *Multimodal Reference. Studies in automatic generation of multimodal referring expressions.* (Tilburg University, member doctoral committee), 2005.
32. Gabriel Infante-Lopez, *Two-level probabilistic grammars for natural language parsing.* (University of Amsterdam, member doctoral committee), 2005.
33. Alfio Gliozzo, *Semantic Domains in Computational Linguistics.* (University of Trento, member doctoral committee), 2005.
34. Marelie Davel, *Pronunciation modelling and bootstrapping.* (University of Pretoria, external examiner), 2005.
35. Ana Karla Alves de Medeiros, *Genetic Process Mining.* (University of Eindhoven, member doctoral committee), 2006.
36. Valentin Zhizhkin, *Graph Transformations for Natural Language Processing.* (University of Amsterdam, member doctoral committee), 2006.
37. Francois Yvon, *Des apprentis pour le traitement automatique des langues.* (Université de Paris VI, rapporteur habilitation thesis), 2006.

38. Gerard Escudero Bakx, *Machine Learning Techniques for Word Sense Disambiguation*. (Universitat Politècnica de Catalunya, Barcelona, member doctoral committee), 2006.
39. Lili Aunimo, *Methods for Answer Extraction in Textual Question Answering*. (University of Helsinki, pre-examiner), 2007.
40. Joachim De Beule, *Compositionality, Hierarchy and Recursion in Language*. (Vrije Universiteit Brussel, member doctoral committee), 2007.
41. Frizo Janssens, *Clustering of scientific fields by integrating text mining and bibliometrics*. (K.U. Leuven, member doctoral committee), 2007.
42. Gemma Boleda, *Automatic acquisition of semantic classes for adjectives.*, (Pomeu Fabra University, Barcelona, member doctoral committee), 2007.
43. Deirdre Hogan, *On Coordination Disambiguation in Generative Parsing Models, with Memory-Based Techniques for Parameter Estimation.*, (Dublin, external examiner), 2007.
44. Vincent Vandeghinste, *LoRe-MT: Low Resources Machine Translation.*, (University of Leuven, member examination committee), 2008.
45. Christian Günther, *Process Mining in Flexible Environments.*, (University of Eindhoven, promotion committee), 2009.
46. Anders Noklestad, *A Machine Learning approach to anaphora resolution including named entity recognition, pp attachment disambiguation, and animacy detection.*, (University of Oslo, opponent), 2009.
47. Oier Lopez de Lacalle Lekuonak, *Domain-specific word sense disambiguation*. (Universidad del País Vasco, PhD committee), 2009.
48. Chen Yifei, *Protein-protein interaction pair extraction*. (Vrije Universiteit Brussel, external PhD committee member), 2010.
49. Francisco Dellatorre Borges, *Parse Selection with Support Vector Machines*. (University of Groningen, promotion committee), 2010.
50. M. Selvam, *Improvement of language and parsing models in resource deficient and morphologically rich Tamil language.* (Anna University Chennai, external examiner), 2010.

Ex officio (PhD committee chair, University of Antwerp): *Bert Bultinck*, Numerous Meanings. The meaning of English cardinals and the legacy of Paul Grice, April 30, 2002; *Helge Daniëls*, Debating variability in Arabic, September 12, 2002; *Gilberte Lenaerts*, The Columberg report in the Flemish media: Discourse and Identity maintenance, September 12, 2003; *Renzhi Li*, Modality in English and Chinese: a Typological Perspective, September 5, 2003; *Astrid Geudens*, Breaking through the rime. An inquiry into the relevance of the onset-rime structure in children's phonological awareness and early reading development, November 26, 2003; *Helena Taelman*, Syllable omissions and additions in Dutch child language, May 28, 2004; *Lutgard Lams*, Reporting The Hong Kong Handover: A pragmatic analysis of news coverage in comparative taiwanese / mainland Chinese perspective, June 11, 2004; *Jürgen Jaspers*, Tegenwerken, belachelijk doen. Talige sabotage van Marokkaanse jongens op een Antwerpse middelbare school. Een sociolinguïstische etnografie, November 10, 2004.

## Organization

Editorial Boards:

- **Current**

- Associate Editor *Research on Language and Computation*, 2007–
- Member editorial board CELCR: Converging Evidence in Language and Communication Research, John Benjamins Publishing Company, 2000–
- Member editorial board *Journal of Machine Learning Research*, 2001–
- Member advisory board *Linguistica Antverpiensia New Series*, 2005–
- Member editorial board *Logic Journal of the IGPL*, 2008–

- **Previous**

- Member editorial board *THINK Quarterly*, 1992-1995.
- Member editorial board *WEB-SLS*, ESCA-EACL-ELSNET Student Journal of Language and Speech, from 1996.
- Associate Editor *IEEE Transactions on Speech & Audio Processing (IEEE T-SA)*, Area SA1.3, 1997-1999.
- Member editorial board *Research in Computational Psycholinguistics* book series (John Benjamins). Series edited by Dan Jurafsky, 1997.
- Member editorial board *Machine Learning journal*, 2000–2003. (Resigned 2001 as a reaction to Kluwer policies).
- Member editorial board *Computational Linguistics*, 2001–2003.
- Member European Board of DISKI dissertation series in Artificial Intelligence (IOS Press / ECCAI), 2002.
- Associate Editor of *JAIR Journal of Artificial Intelligence Research*, 2002–2005. Advisory Board member, 2006–2009.
- Member editorial council *International Journal of Computer Science and Applications*, 2004–2007

Conference and Workshop Organization:

- Organizer (with P. Flach) *ITK colloquium series*, 1989-1991.
- *First International Workshop on Inheritance in Natural Language Processing* (with Gazdar), Tilburg, August, 1990.
- *International Workshop on Machine Learning for Natural Language* (with Powers), Tilburg, February, 1992.
- *Taaltechnologisch Forum, Forum des Industries de la Langue* (member organizing committee) Brussels, 1993.
- *ELSNET-MLNET Workshop on Machine Learning of Natural Language* (with van der Linden and Ellison), Amsterdam, December 2-3, 1994.
- *Sixth Computational Linguistics in the Netherlands Workshop* (with Gillis and Durioux), Antwerp, December 1, 1995.
- *CLIF workshop on the future of Language Technology in Flanders* (with Gillis), Antwerp, November 30, 1995.
- *ECML'97 workshop on Empirical Learning of Natural Language Processing Tasks* (with van den Bosch and Weijters), Prague, April 26, 1997.
- *ELSNET summer school on Lexicon Development for Language and Speech Processing* (member organisation committee), Leuven, July 1997.
- *ACL'97 workshop CONLL'97, Computational Language Learning* (with Powers and Ellison), Madrid, July 11, 1997.
- *BENELEARN'97* (with Flach and Van den Bosch), Tilburg, October 21, 1997.
- *NAIC'97*, National Dutch AI Conference (PC chair, with Van Marcke), Antwerp, November 12-13, 1997.

- *Round Table on Algorithms for Memory-Based Language Processing* (with Gillis), Turnhout, Corsendonk, December 12-13, 1997.
- *CONLL'98, Conference on Computational Language Learning* (with Powers and Ellison), Sydney, Australia, January 1998.
- Tutorial chair, *European Chapter of ACL Conference*, Bergen, Norway, June 1999.
- *BNVKI Tutorials on Artificial Intelligence and Natural Language Processing* (with De Pauw), Tilburg, January 2000.
- *CONLL2000, Conference on Computational Language Learning* (with Cardie and Tjong Kim Sang), Lisbon, Portugal, September 14, 2000.
- *Eleventh Computational Linguistics in the Netherlands Workshop* (with Veenstra, Sima'an, Zavrel), Tilburg, November 3, 2000.
- Conference of the Association for Computational Linguistics ACL 2000 conference (area chair statistical and machine learning methods), Hong Kong, 2000.
- *Fifth Workshop on Computational Language Learning, CoNLL 2001* (with Zajac), Toulouse, France, July 6-7, 2001.
- Workshops Chair, *International Conference of the Association for Computational Linguistics, ACL-02*, Philadelphia, USA, July 2002.
- *CONLL 2003, Conference on Computational Language Learning* (with Osborne), Edmonton, Canada, May-June 2003.
- *Fourteenth meeting of computational linguistics in the Netherlands (CLIN 2003)* (with Decadt, De Pauw, Hoste), December 19, 2003.
- Programme Committee co-chair *International Conference of the Association for Computational Linguistics, ACL-04*, Barcelona, July 2004.
- *Third CLIF symposium* (with Frieda Steurs), Antwerpen, June 10, 2004.
- *Workshop on analysis and generation of prosody*, (with Van den Bosch, Hoste, Marsi, Reynaert), Tilburg, December 21, 2004.
- *Workshop on Machine Learning of Information Extraction*, (with Hoste), University of Antwerp, Belgium, March 10, 2005.
- *Senior Program Committee member IJCAI 2007*, Hyderabad, India, 2007.
- *ECML-PKDD 2008*, Programme co-chair, University of Antwerp, Belgium, September 2008.
- *The Agile Mind. Creativity in Discourse and Art*, Brussels, September 11-12, 2008. Programme co-chair.
- *ECML-PKDD*, area chair, Bled, Slovenia, 2009.
- *Fourth CLIF symposium*, co-organizer, University of Antwerp, December 8, 2009.
- *Advances in Bio Text Mining*, co-organizer, University of Ghent, May 10-11, 2010.
- *ACL 2010*, area chair, Uppsala, Sweden, 2010.
- *European Conference of the ACL*, general chair, Avignon, 2012.

## Scientific Advice

To professional agencies (longer term committees):

- Member NWO (Dutch National Science Foundation) exploratory committee for the stimulation of research in language and speech technology in the Netherlands, 1990.
- Nederlandse Taalunie project 'Terreinverkennd onderzoek naar de positie van het Nederlands in taal- en spraaktechnologie.' (Exploratory research on the position of Dutch Speech and Language Technology). Project co-supervisor, 1997-1998.

- Member of advisory committee *Action Plan for Dutch in language and speech technology* of the “Platform Language and Speech Technology” (Nederlandse Taalunie), 1999-2001.
- Member of the advisory committee “electronic ANS” of the Nederlandse Taalunie. 1999-2002.
- Member jury HI-AVT Master’s Thesis prize Computational Linguistics, 2000.
- Member User/Advisory Group “Geïntegreerde Taalbank” (Integrated language database) of INL (Institute Dutch Lexicography, Leiden, The Netherlands). 2000-2009.
- Member preparatory committee NWO research programme “Interactive Multimodal Information Extraction.” (IMIX), 2000. Member of Steering Committee (2002-2008).
- Member preparatory committee and member programme committee STEVIN programme “Essential Resources for Language and Speech Technology for Dutch”, 2004-
- Member planning and steering committee *HLT Collaboration between South Africa and the Low Countries* (2008-).
- Member advisory board project “termextractor” (Dutch Language Union). 2008-
- Member SPINOZA selection committee (NWO, The Netherlands), 2008-
- Member advisory board TST-centrale (Nederlandse Taalunie), 2009-
- Member ARTESIS translation and interpretation department scientific advisory board. 2009-
- Member Kennislink advisory board. 2009-

Advice to research projects or institutes:

- Advice ESPRIT project 5254 (PLUS, Pragmatics-based Language Understanding System), 1991-1992.
- Research Associate International Pragmatics Association (IPrA), 1992-1993.
- Member Scientific Advisory Board “A Modern Grammar of Dutch” (MGD), 1994.
- Member User Group Club of Esprit long-term research Project ILP-II (Applications of Inductive Language processing in Natural Language Processing (1996-1999).
- Member (‘external expert’) of working group ‘Corpus Annotation’ of the CGN (Corpus Gesproken Nederlands) project, 1998-2003.
- Member International Advisory Panel of the UK National Centre for Text Mining (NaCTeM), 2004-
- Invited contribution to *Roadmap for Language and Speech Technology Resources* (under the auspices of ELSNET, ENABLER and ELRA), 2004.  
<http://www.ilc.cnr.it/write/roadmap.htm>
- Scientific Advisory Committee EU project ACORNS.
- International Collaborator Next Generation Localisation programme CSET (Dublin).
- User Group or Advisory Group member roles in the STEVIN projects DPC, LASSY, SONAR, and SPRAAK.
- Scientific godfather TETRA project ABOP (Automatic optimization readability medicine leaflets).
- External supervisor Ghent University College project HENDI (Readability tool English and Dutch discourse).

Curriculum evaluation committees:

- Member curriculum evaluation committee ‘Computational Linguistics Curriculum’ Göteborg University, 1995.

- Member visitatiecommissie Kunstmatige Intelligentie, The Netherlands (2007), (presided by prof. W.A. Wagenaar).

Industry:

- Member Scientific Advisory Board Cognitech (Nijmegen), 1989–1996.
- Chairman Scientific Advisory Board of STIL (Stichting Toepassing Inductieve leertech-nieken), Tilburg, 1998-2000. Member Board of STIL, 2001–2008. Chairman 2009–.
- Involved in the creation of a spin-off company from computational linguistics research at University of Antwerp: `_textkernel` bv (Amsterdam).

## Programme committee membership

- Major Conferences:
  - IJCAI (Edinburgh, Scotland, 2005)
  - International Joint Conference on Natural Language Processing (IJCNLP-08) (Hyderabad, 2008)
  - AAAI (Edmonton, 2002; Boston, 2006)
  - ECML European Conference on Machine Learning (Chemnitz, 1998; Freiburg 2001; Dubrovnik, 2003); ECML-PKDD (Berlin, 2006; Warsaw, 2007)
  - COLING-ACL (Sydney, Australia, 2006)
  - CoNLL Conference on Natural Language Learning (Bergen, 1999; Taipei, 2002; Boston, 2004; Ann Arbor, 2005; New York, 2006; Prague, 2007; Manchester, 2008; Boulder, 2009)
  - ICGI International Colloquium on Grammatical Inference (Montpellier, 1996; Ames Iowa, 1998; Lisbon, 2000; Athens, 2004)
  - NEMLAP International Conference on New Methods in Language Processing (Ankara, 1996; Sydney 1998)
  - NLIS Workshop on Natural Language in Information Systems (Vienna, 1998; Greenwich, 2000; Aix-en-provence, 2002; Zaragoza, 2004)
  - NAIC/AIT (Amsterdam, 1991); NAIC (1998); BNAIC (Maastricht, 1999; Tilburg, 2000; Amsterdam 2001; Leuven, 2002; 2003; Groningen, 2004; Brussels, 2005; Namur, 2006; Utrecht, 2007; Enschede 2008; Eindhoven, 2009)
  - BENELEARN (Brussels, 1993; Rotterdam, 1994; Maastricht, 1998; Antwerp, 2001; Brussels, 2004; Enschede 2005; Ghent, 2006; Amsterdam, 2007; Liege 2008; Tilburg 2009)
  - LREC Conference on Language Resources and Evaluation (Genoa, Italy, 2006; Marrakech, 2008)
  - RIAO 2007 (Pittsburgh, USA, 2007)
  - DIR (Delft, 2006; Leuven, 2007; Maastricht, 2008; Enschede, 2009; Nijmegen 2010)
  - Cognitive Science (CogSci) (Amsterdam, 2009)
  - EPIA Text Mining and Applications (TeMA) Workshop (Covilha, Portugal, 2005; Guimaraes, Portugal, 2007; Aveiro, Portugal, 2009)
- Other Conferences and Workshops:
  - ECML Workshop on Machine Learning and Text Analysis (Vienna, 1993)
  - Intelligent Computer Communication (Cluj Napoca, 1995; 1998)
  - Workshop on Very Large Corpora 3 (Boston, 1995)
  - Workshop on the Computational Lexicon (Barcelona, 1995)
  - International Computational Psycholinguistics Conference (Berkeley, 1997)
  - ECML Workshops on Text Mining and Adaptive Natural Language Processing Driven Systems (Chemnitz, 1998)
  - Irish Artificial Intelligence & Cognitive Science Conference (Dublin, 1998)
  - ICML workshop on Machine Learning in Text Data Analysis (Bled, 1999)
  - MT 2000: Machine Translation and multilingual applications in the new millennium (Exeter, UK, 2000)
  - KDD-2000 Workshop on Text Mining (Boston, 2000)
  - Intelligent Systems (2000)

- DAWAK (München, 2001; Aix-en-Provence, 2002; Praha, 2003)
- IEEE NLP-KE (Tucson, 2001; Beijing, 2003; Wuhan, 2005)
- TextDM (San Jose, USA, 2001)
- Australian NLP Workshop (Canberra, 2002)
- Colloque International sur la Fouille de Texte (Hammamet, 2002)
- ESSLLI workshop on machine learning of language (Trento, 2002)
- LREC workshop Machine Learning Approaches in Computational Linguistics, LREC Workshop on Linguistic Knowledge Acquisition and Representation (Las Palmas, 2002)
- QITL (Osnabrueck, 2002; 2006; 2008)
- TextML (Sydney, 2002)
- Treebanks and Linguistic Theory (Sozopol, 2002)
- NLDB (Cottbus, 2003)
- PASCAL workshop Text Mining (Grenoble, 2004)
- RANLP (Borovetz, 2003; 2005; 2007)
- SEALTS (Edmonton, 2003)
- ECML/PKDD workshop Knowledge Discovery and Ontologies (KDO-2004)
- ECAI-2004 Workshop on Ontology Learning and Population (Valencia, 2004)
- Psycho-computational Models of Human Language Acquisition (Geneva, 2004; Ann Arbor, 2005)
- Senseval-3 (Barcelona, 2004); Semeval (Prague, 2007)
- International and Interdisciplinary Conference on Adaptive Knowledge Representation and Reasoning (Espoo, Finland, 2005)
- Australasian Language Technology Workshop (Sydney, Australia, 2005)
- EBMT workshop (Phuket, 2005)
- LLL Learning Language in Logic workshop and challenge (Bonn, Germany, 2005)
- Effective tools and methods for teaching and learning computational linguistics and NLP (Ann Arbor, USA, 2005)
- AAAI workshop on Computational Aesthetics: Artificial Intelligence Approaches to Beauty and Happiness (Boston, 2006)
- ATEM 2006 (Trento, Italy, 2006)
- International Computer Science Symposium in Russia (St-Petersburg, Russia, 2006)
- EACL workshop Learning Structured Information in Natural Language Applications (Trento, Italy, 2006)
- FINTAL 5th International Conference on Natural Language Processing (Turku, 2006)
- International workshop on Intelligent Information Access (Helsinki, Finland, 2006)
- Linguistic Distances workshop (Sydney, 2006)
- COLING-ACL workshop on Relation Extraction Beyond the Document (Sydney, 2006)
- TALN 2006 (Leuven, 2006)
- ACL demo and poster workshop (Prague, 2007)
- ACL Workshop on Cognitive Aspects of Computational Language Learning (Prague, 2007)
- 10th Congress of the Italian Association for Artificial Intelligence (Rome, Italy, 2007)
- ESSLLI workshop on Exemplar Based Models of Language Acquisition and Use (Dublin, 2007)
- 3rd Pascal Challenge Workshop (Warsaw, 2007)
- International Workshop on Advanced Searching On Voice, Video, and Speech Contents (Papeete, Tahiti, 2007)
- CICLing (Haifa, Israel, 2008; Mexico, 2009)
- PASCAL Pronasyl challenge (2007)
- Workshop on High-level Information Extraction (Antwerp, 2008)
- E-Humanities – an emerging discipline (Indianapolis, 2008)
- GOTAL (Gothenburg, 2008)
- LREC workshop on Building and evaluating resources for biomedical text mining (Marrakesh, 2008)
- 19th Brazilian Symposium on Artificial Intelligence (Salvador, Brazil, 2008)

- Italian Association for Artificial Intelligence (AI\*IA) (Reggio Emilia, 2009)
- Cognitive Aspects of Computational Language Learning (Athens, 2009)
- Computational Linguistic Aspects of Grammatical Inference (Athens, 2009)
- Workshop on Adaptation of Language Resources and Technology to New Domains (Borovets, 2009).
- Workshop on Semantic Evaluations: Recent Achievements and Future Directions (semeval) (Boulder, 2009).
- Workshop on Semi-supervised Learning for Natural Language Processing (Boulder, 2009).

## Conference, Journal, Book Proposal Reviewing

- Conferences and workshops:
  - ECAI, European Conference on Artificial Intelligence (1992)
  - IJCAI, International Joint Conference on Artificial Intelligence (1993, 1995)
  - EACL European Association for Computational Linguistics (1989, 1991, 1995, 2003, 2006, 2009)
  - ACL Conference of the Association for Computational Linguistics (1999, 2001, 2002, 2003, 2005, 2007, 2008)
  - ANLP-NAACL (2000)
  - ICML International Conference on Machine Learning (Harvard, 2000; Williams College Mass. USA, 2001; Bonn, 2005; Montreal, 2009)
  - COLING (2000, 2002, 2004)
  - EMNLP Empirical Methods in Natural Language Processing (2004, 2005, 2006, 2008, 2009)
  - AIT, NAIC/AIT Dutch AI Conference (1989, 1990, 1995)
  - CLIN Computational Linguistics in the Netherlands proceedings (1991, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2001, 2002, 2004, 2005, 2006, 2007)
  - ICASSP (1997, 1998)
  - Interspeech (2005, 2006, 2007)
  - LIKE (1991)
  - Advances in Computer Chess Conference (1996)
  - ACL Student Session (1996)
  - Language and Cognition yearbook (1994)
  - Groningen Assembly on Language Acquisition (1995)
  - IWCS (1998)
  - IJCNLP (2004)
  - ACL-2000 Machine Learning and Statistical NLP for Dialogue theme session (2000)
  - AMLAP, Architectures and Mechanisms for Language Acquisition and Processing (2000)
  - ICCBR (2001)
  - HLT Human Language Technologies (2001)
  - ESSLLI student session (2005, 2006)
  - IJNLP-ACL mentoring committee (2009)
- Journals:
  - *Artificial Intelligence Communications* (1997)
  - *Artificial Intelligence Journal* (2003)
  - *Artificial Intelligence Review* (1995)
  - *Cognitive Systems Research* (2004)
  - *Computational Linguistics Journal* (1992, 1998, 2006, 2007, 2008); Special Issue on Anaphora and Ellipsis Resolution (2000)
  - *Computers and the Humanities* (2002, 2005)
  - *Computer Speech and Language* (2004, twice; 2005; 2006; 2007)
  - *Data and Knowledge Engineering* (2008, 2009)
  - *Data Mining and Knowledge Discovery journal* (2007)

- *Special Issue Workflow Mining C&I* (2003)
- *IEEE Transactions on Speech and Audio Processing* (2005)
- *Information and Management* (2003)
- *Information Processing and Management* (2004)
- *International Journal of Lexicography* (2004, 2006, 2009)
- *International Journal Speech Technology* (2002)
- *Journal of Applied Artificial Intelligence* (2009)
- *Journal of Natural Language Engineering* (2003, 2005, 2007, 2008)
- *Journal of Pragmatics* (1997)
- *Journal of Semantics* (2005)
- *Language Resources and Evaluation journal* (2006, 2008 three times, 2009)
- *Lingua* (2003, 2004)
- *Machine Learning Journal* (1998, 1999 twice, 2005, 2006); Special Issue ML in Speech and Language Technologies (2003)
- *Machine Translation journal* (2006)
- *Speech Communication* (2007)
- *Science* (2009)
- *TAL* (2009)
- *Transactions on Asian Language Information Processing* (2008)
- *Yearbook of Morphology* (1998)
- Publishers:
  - *Butterworth-Heinemann Publishers* (1993)
  - *Kluwer Academic Publishers* (1997, 2004)
  - *Blackwell Publishers* (Journal review, 2000)
  - *Cambridge University Press* (2008)

## Project (Proposal) Reviewing

- IWOIB Brussels R&D project evaluation panel (2006, 2008).
- Project reviewer for EC 5th framework HLT-IST projects. Luxembourg, 2003 (Deep Thought, Ermis, DOT.KOM); Pisa 2004 (Deep Thought); Athens 2005 (Ermis). Project reviewer for 6th framework IST project X-Media: Luxembourg, 2007; Athens 2007; St. Goar, 2008; Sheffield, 2009. FET-open evaluation panel, Brussels, 2008.
- NWO: NWO-ST (Linguistics) (1990); NWO-SION (Computer Science) (1992); NWO-TSL (Language, Speech, and Logic) member evaluation committee research proposals (1994); NWO-TSL VNC project (1996); NWO TSL project (1996, 1998); NWO-NCF project (1996); NWO GG visitor grant (1998); NWO GW project (1999); NWO Mathematics, Computer Science, Physics and Astronomy proposals (2000); NWO Physical Sciences research proposal (2002); NWO Vernieuwingsimpuls proposal (2002); NWO European Young Investigators Award Scheme (2005); NWO project (2006); NWO VICI projects (2006); NWO VENI projects (2008); NWO project (2008, 2009).
- Scientific Advisor IWONL/IRSIA, (Belgium) on Natural Language Processing projects, 1987–88. Scientific Advisor IWT (Belgium) on Natural Language processing projects, 1998, 1999 (twice), 2000, 2005, 2007 (twice). Member “HOBUCollege” (2001). PhD proposal evaluation panel humanities and social sciences (2009).
- NICI (1992)
- ProGamma (1993)
- NFWO (1993, 1994)
- SNN-Foundation for Neural Networks (1995, 1996); SNN-STW neural network proposals jury (2000)
- KNAW fellow project (1999, 2001); KNAW postdoc programme (2007)
- Token2000 (2001)
- Irish Science Foundation (SFI) Investigator programme proposal (2002, 2005)
- VUB GOA proposal (2002)
- European Science Foundation (ESF) Exploratory Workshops (2003, 2005)

- ESF Pool of reviewers (May 2008 – April 2012)
- STW proposals (2003)
- The Agency for Science, Technology and Research (A\*STAR) Biomedical Research Council (BMRC), Singapore (2004)
- BSF (United States-Israel Binational Science Foundation, 2005)
- ICREA (Catalan Institution for Research and Advance Studies) (2005, 2006)
- Swiss National Science Foundation (2005);
- PASCAL challenges proposal reviewing (2005, 2006, 2008, 2009)
- Hogeschool Antwerpen (2006)
- Hogeschool Gent (2006)
- US NSF proposals (2006, 2009)
- South Africa NRF proposals, researcher rating (2007, 2009)
- CLARIN (2009)

## Popularization

Contribution to ENTER 21, television series on technological innovation. program on Language and Speech Technology in Flanders, April 27-28, 2002.

Using language technology to construct the text *degenerator* website <http://www.man-o-war.be> in the context of Philoctetes (Crew; Eric Joris & Peter Verhelst, October 2002). *Degenerator-2* (2005).

## Memberships and Offices

Main University management offices:

- Chairman (werkverbandsvoorzitter) computational linguistics department Tilburg University (1997–1998).
- Acting chairman (waarnemend sectiehoofd) computational linguistics department Tilburg University (1998–1999).
- Section Head (vakgroepvoorzitter) Linguistics (department Germanic Philology, University of Antwerp), October 2001–October 2003.
- Department Head (department of Linguistics, University of Antwerp), October 2003–November 2004. Member management board (Lid dagelijks bestuur) November 2004–2009.

Current offices:

- Member CLIN (Computational Linguistics in the Netherlands) working group (from 1992).
- Member Internationally Advisory committee (2003-2007) and Steering Committee (2007–) of ACL Special Interest Group in Natural Language Learning (SIGNLL) (2003–).
- Member CLIF (Computational Linguistics in Flanders) coordination group.
- Member ECML PKDD steering committee, 2008–.

Previous offices:

- CLIF (Computational Linguistics in Flanders) working group of the FWO sponsored research community on Computational Linguistics and Language Technology (Co-proposer and initiator with Gillis and De Schutter; Coordinator: 1995–97).
- Secretary of the ACL Special Interest Group in Natural Language Learning (SIGNLL) (1995-1999, re-elected 1997). President (1999-2003, re-elected 2001).

- Tilburg site coordinator for ELSNET (1995–2000).
- Member of the board of ECCAI (European Coordinating Committee for Artificial Intelligence), 1996-1998.
- Member Computational Linguistics and Language Technology Working Group and Formal Methods in Humanities Working Group of ACO\*HUM, EC Socrates thematic network on computation in the humanities; EACL Liaison to ACO\*HUM (1996-1999).
- Member EACL (European Chapter Association for Computational Linguistics) nominating committee (1999-2002).
- EACL representative in the board of the *European Masters in Language and Speech*. (1999–2004).
- Member of BNVKI-board (Dutch-Belgian AI Association, 1999–2001).
- Spokesman of CLIF-2 (Computational Linguistics in Flanders), FWO sponsored research community on Computational Linguistics and Language and Speech Technology (2000-2004).
- Antwerp site coordinator for MLNET (2000–2002).
- Antwerp site coordinator for ONTOWeb (from 2001–2004).
- Elected member executive board International Association for Computational Linguistics (ACL) (2004–2007).

Current memberships professional organisations: Association Computational Linguistics (ACL) (from 1990); American Association for Artificial Intelligence (AAAI) (from 1998); Association for Computing Machinery (ACM) (from 2001).

Previous memberships: Belgische Kring Linguistiek (from 2005); Dutch AI Association (NVKI/BNVKI) (from 1988); International Federation for Information Processing (IFIP) Technical Committee 12 (Artificial Intelligence) Working Group 12.4 (Natural Language Processing) (1992); Dutch General Association for Linguistics (AVT) (from 1995).

## Publications

1. Daelemans, Walter *Structuur en Functie*. (Structure and Function) Master's thesis, department of linguistics, K.U.Leuven, 1982.
2. Daelemans, Walter *De Evaluatie van Synesthetische Metaforen*. (The Evaluation of Synesthetic Metaphor), Thesis, department of Psychology, K.U.Leuven, 1983.
3. Daelemans, Walter, Dik Bakker, and Henk Schotel. 'Automatische detectie en correctie van spelfouten.' (Automatic Detection and Correction of Spelling Errors) *Informatie* 26 (12), 952-956, 1984. (Also published as Internal Report 84FU10, Psychology, University of Nijmegen.)
4. Pijls, Fieny, Walter Daelemans and Gerard Kempen. 'Artificial Intelligence Tools for Grammar and Spelling Instruction.' *Instructional Science*, 16, 319-336, 1987. (Also in Proceedings Second International Conference and Exhibition on Children in the Information Age, Sofia, Vol. 2, 166-185, 1987).
5. Daelemans, Walter 'A Tool for the Automatic Creation, Extension and Updating of Lexical Knowledge Bases.' *Proceedings of the Third ACL European Chapter Conference*, ACL, Copenhagen, 70-74, 1987.
6. Anbeek, Gert and Walter Daelemans. 'Text processors with Linguistic Knowledge.' In: J.J.H. Miller (ed.) *PROTEXT IV*, 79-85, Dublin: Boole Press Limited, 1987.
7. Van Marcke, Kris, Viviane Jonckers and Walter Daelemans. 'Representation Aspects of Knowledge-Based Office Systems.' In: Commission EC (ed.) *ESPRIT '87: Achievements and Impact*. Part 2, 1226-1238, Amsterdam: North-Holland, 1987.
8. Daelemans, Walter 'Taaltechnologie: Toepassingen en Problemen.' (Language Technology: Applications and Problems) Internal Note 87-4, AI-LAB, Brussels, 1987.
9. Daelemans, Walter *Studies in Language Technology: An Object-Oriented Computer Model of Morphophonological Aspects of Dutch*. Doctoral Dissertation, University of Leuven, 249 pages, 1987. (Preliminary versions of chapters appeared in ESPRIT Project 82, Deliverable D2/R4, Intelligent Work Station, March, 1986).
10. Daelemans, Walter 'A Model of Dutch Morphophonology and its Applications.' *AI Communications*, Volume 1 number 2, 18-25, 1988. (Also appeared as AI-MEMO 88-8, AI-LAB Brussels.)
11. Daelemans, Walter 'Toepassingen van een objectgericht computermodel van de Nederlandse Morfofonologie.' (Applications of an object-oriented computer model of Dutch Morphophonology). *Proceedings NAIC-88*, Amsterdam, 81-92, 1988. (Best paper award).
12. Daelemans, Walter 'GRAFON: A Grapheme-to-phoneme conversion system for Dutch.' *Proceedings Twelfth International Conference on Computational Linguistics (COLING-88)*, Budapest, 133-138, 1988. (Extended version published as AI-MEMO 88-5, AI-LAB Brussels).
13. Daelemans, Walter 'Learning heuristic diagnostic rules in an intelligent tutoring system.' *Proceedings Third International Symposium on Knowledge Engineering*, Madrid, 183-190, 1988. (Also published as AI-MEMO 88-20, AI-LAB Brussels).
14. Daelemans, Walter 'Automatische Morfologische Analyse.' (Automatic Morphological Parsing) *Informatie*, 31 (4), 261-270, 1989.
15. Daelemans, Walter 'Automatic Hyphenation: Linguistics versus Engineering.' In: Frans J. Heyvaert and Frieda Steurs (eds.), *Worlds behind Words*, Leuven: Leuven University Press, 347-364, 1989.
16. Daelemans, Walter 'TDTDT onderwijst spellen.' (TDTDT teaches spelling). In: Fieny Pijls and Jacobijn Sandberg (eds.) *De computer als expert en didacticus*. (The computer as expert and pedagogue), Muiderberg: Coutinho, 16-27, 1989.
17. Daelemans, Walter 'Object-oriented Hierarchical Lexicons.' *Informal proceedings IJCAI'89 Workshop on Object-oriented Programming in AI*, Detroit, USA, 1989.
18. Daelemans, Walter and Gerald Gazdar (eds.) *Inheritance in Natural Language Processing*. Tilburg: ITK, ITK Proceedings 90/1, 120 pages, ISBN: 90-74029-03-5, 1990.
19. Daelemans, Walter 'TDTDT en Spelraam.' In: Borgers, O., F. Daems, P. Reynders (eds.) *Computers en Onderwijs* 1990, Antwerpen: CBL-UIA, 119-124, 1990.
20. Daelemans, Walter 'Inheritance in Object-oriented Natural Language Processing.' In: Daelemans, Walter and Gerald Gazdar (eds.) *Inheritance in Natural Language Processing*, Tilburg: ITK, ITK Proceedings 90/1, 30-38, 1990.
21. Daelemans, Walter 'An Object-Oriented Linguistic Toolbox.' In: Don Ross and Dan Brink (eds.) *Making Connections*. Handbook of the International Joint Conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing, Tempe: Arizona State University, 89-93, 1991.
22. Daelemans, Walter and David Powers (eds.) *Background and Experiments in Machine Learning of Natural Language*. Tilburg: ITK, ITK Proceedings 92/1, 282 pages, ISBN: 90-74029-02-7, 1992.

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23. Daelemans, Walter and Gerald Gazdar (guest eds.) *Computational Linguistics Special Issue on Inheritance in Natural Language Processing*. 18 (2) and 18 (3), 133-337, MIT Press, ISSN 0891-2017, 1992.
24. Daelemans, Walter, Koenraad De Smedt, and Gerald Gazdar. 'Inheritance in Natural Language Processing.' *Computational Linguistics* 18 (2), 205-218, 1992.
25. Daelemans, Walter and Antal van den Bosch. 'A Neural Network for Hyphenation.' In: I. Aleksander and J. Taylor (eds.) *Artificial Neural Networks II: Proceedings of the International Conference on Artificial Neural Networks*., Elsevier Science Publishers, 1647-1650, 1992.
26. Daelemans, Walter 'Biologische Metaforen in Natuurlijke Taal Verwerking.' (Biological Metaphors in Natural Language Processing), In: T. Venckeleer en W. Verbeke (Red.) *Cultuurwetenschappen in Beweging 1980-1990*. Leuven: Vlaamse Vereniging Cultuurwetenschappen, (Distributie Kapellen: Uitgeverij Pelckmans), 117-137, 1992.
27. Powers, David and Walter Daelemans. 'SHOE: The Extraction of Hierarchical Structure for Machine Learning of Natural Language: Project Summary.' In: Daelemans, Walter and David Powers (eds.) *Background and Experiments in Machine Learning of Natural Language*, 125-160, 1992. (Also available as ITK Research Memo 10, 1-36, 1991).
28. Van den Bosch, Antal and Walter Daelemans. Linguistic Pattern Matching Capabilities of Connectionist Networks. In: Jan van Eijck and Wilfried Meyer Viol (Eds.) *Computational Linguistics in the Netherlands. Papers from the Second CLIN-meeting 1991*. Utrecht: OTS, 40-53, 1992. (Also in: Daelemans, Walter and David Powers (Eds.) *Background and Experiments in Machine Learning of Natural Language*, 183-196, 1992).
29. Daelemans, Walter and Erik-Jan van der Linden. Evaluation of Lexical Representation Formalisms. In: Jan van Eijck and Wilfried Meyer Viol (Eds.) *Computational Linguistics in the Netherlands. Papers from the Second CLIN-meeting 1991*, Utrecht: OTS, 54-67, 1992. (Also appeared as ITK Research Memo 14, 1-14, 1992, Tilburg: ITK).
30. Daelemans, Walter and Antal van den Bosch. 'Generalization Performance of Backpropagation Learning on a Syllabification Task.' In: M.F.J. Drossaers and A. Nijholt (eds.) *Connectionism and Natural Language Processing*. Proceedings Third Twente Workshop on Language Technology, 27-38, 1992.
31. Daelemans, Walter 'An Environment for Learning to Program AI Formalisms.' In: *Proceedings NATO Advanced Research Workshop on Cognitive Models and Intelligent Environments for Learning Programming*, Genova, Instituto per la Matematica Applicata del C.N.R., 269-272, 1992.
32. Gillis, Steven, Gert Durieux, Walter Daelemans, and Antal van den Bosch. *Exploring Artificial Learning Algorithms: Learning to Stress Dutch Simplex Words*. Antwerp Papers in Linguistics (APIL) 71, 89 pages, 1992.
33. Daelemans, Walter and Antal van den Bosch. 'De voorleesmachine' *Samsom Informatica Nieuwsbrief*, 2 (9), 10-15, 1992.
34. Van den Bosch, Antal and Walter Daelemans, 'Data-oriented methods for grapheme-to-phoneme conversion.' Proceedings of the Sixth conference of the European chapter of the ACL, ACL, 45-53, 1993. (Also available as ITK Research Report 42, 1993, Tilburg: ITK; and in: Sijtsma & Zweekhorst (eds.) *Computational Linguistics in the Netherlands. Papers from the third CLIN-meeting 1992*, Tilburg: ITK, 13-26, 1993).
35. Gillis, Steven, Walter Daelemans, Gert Durieux, Antal van den Bosch. 'Learnability and Markedness: Dutch Stress Assignment.' In: *Proceedings of the Fifteenth Annual Conference of the Cognitive Science Society*, Boulder Colorado, USA, Hillsdale: Lawrence Erlbaum Associates, 452-457, 1993. (Also in: Sijtsma & Zweekhorst (eds.) *Computational Linguistics in the Netherlands. Papers from the third CLIN-meeting 1992*, Tilburg: ITK, 39-48, 1993).
36. Daelemans, Walter and Antal van den Bosch. 'TABTALK: Reusability in Data-oriented grapheme-to-phoneme conversion.' *Proceedings of Eurospeech*, Berlin, 1459-1466, 1993.
37. Daelemans, Walter, Steven Gillis, and Gert Durieux, 'Machine Learning of Natural Language: An Empiricist Alternative to Nativist Theory.' In: *Proceedings of Benelearn 1993*, AI-LAB Brussels, 1993.
38. Daelemans, Walter, Steven Gillis, Gert Durieux, Antal van den Bosch. 'Learnability and Markedness in Data-Driven Acquisition of Stress.' In: T. Mark Ellison & James M. Scobbie (eds) *Computational Phonology*. Edinburgh Working Papers in Cognitive Science 8, 1993, 157-178. (Also available as ITK Research Report 43, 1-32, 1993, Tilburg).
39. Daelemans, Walter, Antal van den Bosch, Steven Gillis and Gert Durieux, 'A Data-Driven Approach to Stress Acquisition.' In: Pieter Adriaans (ed.) *Workshop Notes Machine Learning Techniques and Text Analysis*, 15-24, Vienna, 1993.
40. Daelemans, Walter, Steven Gillis, Antal van den Bosch, and Gert Durieux. 'Learning Linguistic Mappings: An Instance-Based Learning Approach.' In: *Conference Abstracts of the ACH-ALLC 1993 International Joint Conference*, Georgetown University Washington, DC, USA, 38-40, 1993.
41. Daelemans, Walter, Steven Gillis and Gert Durieux. 'The Acquisition of Stress, a data-oriented approach.' *Computational Linguistics* 20 (3), 421-451, 1994.

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42. Daelemans, Walter Review of 'Inheritance, Defaults, and the Lexicon (Briscoe, de Paiva, Copestake eds.)', *Computational Linguistics* 20 (4), 661-664, 1994.
43. Daelemans, Walter and Koenraad De Smedt. 'Inheritance in an Object-Oriented Representation of Linguistic Categories.' *International Journal Human-Computer Studies*, 41, 149-177, 1994.
44. Van den Bosch, Antal, Alain Content, Walter Daelemans, and Bea De Gelder. 'Measuring the Complexity of Writing Systems.' *Journal of Quantitative Linguistics*, 1, 3, 178-188, 1994.
45. Gillis, Steven, Walter Daelemans, Gert Durieux. 'Are Children Lazy Learners? A comparison of natural and machine learning of stress.' In: Ram, A. and Eiselt, K. (eds.) *Proceedings of the Sixteenth Annual Conference of the Cognitive Science Society*, Georgia Institute of Technology, Atlanta, USA, Hillsdale: Lawrence Erlbaum Associates, 369-374, 1994.
46. Daelemans, Walter, Steven Gillis and Gert Durieux. 'Skousen's analogical modeling algorithm: a comparison with lazy learning.' In: Jones, D. (ed.) *Proceedings of the International Conference on New Methods in Language Processing (NeMLaP)*, UMIST: Manchester, 1-7, 1994.
47. Daelemans, Walter and Antal van den Bosch. 'A language-independent, data-oriented architecture for grapheme-to-phoneme conversion.' In: *Proceedings of the ESCA-IEEE conference on Speech Synthesis*, New York, 199-203, 1994.
48. Bosch, Antal van den, A. Content, Walter Daelemans, and Bea De Gelder. 'Analysing Orthographic Depth of Different Languages using Data-oriented Algorithms'. In: *Proceedings Second International Conference on Quantitative Linguistics (Qualico-94)*, Moscow State University, 26-31, 1994.
49. Daelemans, Walter, Steven Gillis, Gert Durieux. 'Skousen's Analogical Modeling Algorithm' in: Bioch, J.C. and S.H. Nienhuys-Cheng (eds.) *Proceedings of the 4th Belgian-Dutch Conference on Machine Learning*, Rotterdam, Report EUR-CS-94-05, 302-310, 1994.
50. Gent, Joop van and Walter Daelemans. 'Automatisch indexeren met gestandaardiseerde thesauri.' in: H.J. Croll en J.R. Creutzberg (ed.) *Proceedings 3e Dag van het Document*, De Reehorst, Ede, 19-29, 1994.
51. Daelemans, Walter 'Zelflerende Systemen voor Spraaksynthese.' In: *Document Management*, Samsom nieuwsbrief voor documentaire informatiekunde, 3 (1), 5-8, 1994.
52. Daelemans, Walter 'Memory-Based Lexical Acquisition and Processing.' In: P. Steffens (ed.) *Machine Translation and the Lexicon*, Berlin: Springer Lecture Notes in Artificial Intelligence 898, 85-98, 1995. (Also available as ITK Research Report 49, 1-18, 1994).
53. Gillis, Steven, Walter Daelemans and Koenraad De Smedt. 'Artificial Intelligence.' In Östman, J., Verschueren, J., and Blommaert, J. (eds.) *Handbook of Pragmatics*. Amsterdam, Philadelphia: John Benjamins Publishing, 61-80, 1995.
54. Gillis, Steven, Gert Durieux, Walter Daelemans. 'A Computational Model of P&P: Dresher and Kaye (1990) revisited.', M. Verrips & F. Wijnen (eds.) *Approaches to Parameter Setting*. Amsterdam Studies in Child Language Development, vol 4, 135-173, 1995.
55. Van den Bosch, Antal, Ton Weijters, Jaap van den Herik and Walter Daelemans. 'The profit of learning exceptions.' In: *Proceedings of the 5th Belgian-Dutch Conference on Machine Learning*, BENELEARN'95, ULB, Brussels. Technical Report TR/IRIDIA/95-16, 118-126, 1995.
56. Daelemans, Walter, Peter Berck, and Steven Gillis. 'Linguistics as Data Mining: Dutch Diminutives', in Andernach, T., M. Moll, and A. Nijholt (eds). *CLIN V, Papers from the Fifth CLIN Meeting*, 59-72, 1995.
57. Durieux, Gert, Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 248 pages, ISBN 90-5728-006-X, 1996.
58. Daelemans, Walter 'Erasmus Network on Natural Language Processing.' *T.A.L. traitement automatique des langues* 37, 1, 87-91, 1996.
59. Daelemans, Walter and Koenraad De Smedt. 'Artificial Intelligence Models of Language Processing'. In: T. Dijkstra and K. De Smedt (eds.) *Computational Psycholinguistics: AI and Connectionist models of human language processing*. London: Taylor & Francis, 24-48, 1996.
60. Gillis, Steven, Gert Durieux, and Walter Daelemans. 'How to Set parameters: Analysis of a Learning Theory.' In: Charlotte Koster and Frank Wijnen (eds.) *Proceedings of the Groningen Assembly on Language Acquisition*. Groningen: Center for Language and Cognition, 217-226, 1996.
61. Daelemans, Walter, Jakub Zavrel, Peter Berck, Steven Gillis. 'MBT: A Memory-Based Part of Speech Tagger-Generator'. In: E. Ejerhed and I. Dagan (eds.) *Proceedings of the Fourth Workshop on Very Large Corpora*, Copenhagen, Denmark, 14-27, 1996.
62. Daelemans, Walter, Peter Berck, Steven Gillis. 'Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphological Rules.' *Proceedings of the 16th International Conference on Computational Linguistics (COLING-96)*, Copenhagen, Denmark, 95-100, 1996.
63. Van den Bosch, Antal, Walter Daelemans, Ton Weijters. 'Morphological Analysis as Classification: an Inductive-Learning Approach.' In: Oflazer, K. and H. Somers (eds.) *NeMLaP-2. Proceedings of the Second International Conference on New Methods in Language Processing*, Ankara, Turkey, 79-89, 1996.

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64. Daelemans, Walter 'Abstraction Considered Harmful: Lazy Learning of Language Processing.' In: van den Herik, J. and T. Weijters (eds.) *Benelearn-96. Proceedings of the 6th Belgian-Dutch Conference on Machine Learning*. MATRIKS: Maastricht, The Netherlands, 3–12, 1996.
65. Daelemans, Walter, Jakub Zavrel, Peter Berck, and Steven Gillis. 'Memory-Based Part of Speech Tagging.' In: Durieux, G., Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 41–62, 1996.
66. Bosch, Antal van den, Walter Daelemans, and Ton Weijters. 'An Inductive Learning Approach to Morphological Analysis.' In: Durieux, G., Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 213–230, 1996.
67. Daelemans, Walter and Antal van den Bosch. 'Language-Independent Data-Oriented Grapheme-to-Phoneme Conversion' in: Jan P. H. van Santen, Richard W. Sproat, Joseph P. Olive, and Julia Hirschberg (Eds.) *Progress in Speech Synthesis.*, New York: Springer Verlag, 77–90, 1996.
68. Daelemans, Walter 'Experience-driven language acquisition and processing.' in: Tim van der Avoird & Mischa Corsius (Eds.) *Proceedings of the CLS opening Academic Year '96 '97*, 83–95, 1996.
69. Daelemans, Walter & Jakub Zavrel. 'Part-of-Speech tagging of Dutch with MBT, a Memory-Based Tagger Generator.' In: K. van der Meer (Ed.) *Informatiewetenschap 1996*, Delft: Werkgemeenschap Informatiewetenschap, 33–40, 1996.
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71. Daelemans, Walter, Peter Flach, and Antal van den Bosch (eds.) *BENELEARN-97. Proceedings of the Seventh Belgian-Dutch Conference on Machine Learning*. Tilburg: Tilburg University, 146 pages, 1997.
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73. Daelemans, Walter, Antal Van den Bosch, & Ton Weijters. 'IGTree: Using Trees for Compression and Classification in Lazy Learning Algorithms.' *Artificial Intelligence Review* 11, 407–423, 1997.
74. Daelemans, Walter, Peter Berck, & Steven Gillis. 'Data Mining as a Method for Linguistic Analysis: Dutch Diminutives.' *Folia Linguistica*, XXXI/1-2, 57-75, 1997.
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77. Zavrel, Jakub and Walter Daelemans. 'Memory-based Learning: Using Similarity for Smoothing.' *Proceedings of the 35th Annual Meeting of the Association for Computational Linguistics and the 8th Conference of the European Chapter of the Association for Computational Linguistics*, Madrid, Spain: UNED, 436–443, 1997. [Also in: Daelemans, Walter, T. Weijters, and Antal van den Bosch (eds.) *ECML'97 Workshop Notes on Empirical Learning of Natural Language Processing Tasks*. Prague: Laboratory of Intelligent Systems, 71–84, 1997.]
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189. Walter Daelemans, Theo du Plessis, Cobus Snyman and Lut Teck (eds.), *Multilingualism and Electronic Language Management*. *Proceedings of the 4th International MIDP Colloquium*, 22-23 September 2003, Bloemfontein, South Africa (Studies in Language Policy in South Africa 4). Pretoria: Van Schaik Publishers, 2005, ISBN: 062702601X
190. Véronique Hoste and Walter Daelemans. ‘Learning Dutch Resolution Coreference.’ In: Ton van der Wouden, Michaela Poss, Hilke Reckman, Crit Cremers (eds.) *Computational Linguistics in the Netherlands 2004. Selected papers from the fifteenth CLIN meeting.*, Utrecht: LOT, 133–148, 2005.
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210. Luyckx Kim and Walter Daelemans. 'Authorship attribution and verification with many authors and limited data.' In: *Proceedings of the 22nd International Conference on Computational Linguistics (COLING 2008)*, Manchester, 2008, p. 513-520. [A compressed version appears in *Proceedings of the 20th Belgian-Netherlands Conference on Artificial Intelligence (BNAIC 2008)*, Enschede, 2008, p. 335-336.]
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215. Hendrickx Iris, Vronique Hoste, Walter Daelemans. 'Semantic and syntactic features for anaphora resolution for Dutch.' In: *Proceedings of the CICLing-2008 Conference*, Haifa, Israel, Berlin: Springer, 2008, p. 351-361.
216. Luyckx Kim, Walter Daelemans. 'Using syntactic features to predict author personality from text.' In: *Proceedings of Digital Humanities 2008*, Oulu, Finland, 2008, p. 146-149.
217. Morante Roser, Anthony Liekens, and Walter Daelemans. 'Learning the Scope of Negation in Biomedical Texts.' *Proceedings of the 2008 Conference on Empirical Methods in Natural Language Processing*, Honolulu, 2008, p. 715–724.
218. Daelemans Walter en Antal van den Bosch. 'My Word Coach. Taaltechnologie voor een Nintendo brain trainer.' *DIXIT*, jaargang 5, nummer 2, november 2008, p. 31.
219. Morante Roser, van Asch Vincent, Daelemans Walter. 'A memory-based learning approach to event extraction in biomedical texts.' *Proceedings of the Workshop on BioNLP: Shared Task*, Boulder, Colorado, Association for Computational Linguistics, June 2009, p. 59–67.
220. Morante Roser, Daelemans Walter. 'A metalearning approach to processing the scope of negation.' *Proceedings of the Thirteenth Conference on Computational Natural Language Learning (CoNLL)*, Boulder, Colorado, Association for Computational Linguistics, June 2009, p. 21–29.
221. Vandekerckhove Bram, Sandra Dominiek, Daelemans Walter. 'A robust and extensible exemplar-based model of thematic fit.' Lascarides et al. (eds.) *Proceedings of the 12th Conference of the European Chapter of the ACL*, Athens, Greece, Association for Computational Linguistics, 2009, p. 826–834.
222. Marsi Erwin, Kraemer Emiel, Hendrickx Iris, Daelemans Walter. 'Is sentence compression an NLG task?' *Proceedings of the 12th European Workshop on Natural Language Generation.*, Association for Computational Linguistics, Athens, Greece, 2009, p. 25–32.
223. Morante Roser, Daelemans Walter. 'Learning the scope of hedge cues in biomedical texts.' *Proceedings of the Workshop on BioNLP*, Boulder, Colorado, Association for Computational Linguistics, 2009, p. 28–36.
224. van Asch Vincent, Daelemans Walter. 'Prepositional phrase attachment in shallow parsing.' *Proceedings of the 7th International Conference on Recent Advances in Natural Language Processing (RANLP)*. Borovec, Bulgaria, 2009, p. 12–17.
225. Daelemans W., Groenewald H.J. and van Huyssteen G.B. 'Prototype-based active learning for lemmatization', *Proceedings of the 7th International Conference on Recent Advances in Natural Language Processing (RANLP)*., Borovec, Bulgaria, p 65–70, 2009.
226. Hendrickx Iris, Daelemans Walter, Marsi Erwin, Kraemer Emiel. 'Reducing redundancy in multi-document summarization using lexical semantic similarity.' *Proceedings of the 2009 Workshop on Language Generation and Summarisation*., Association for Computational Linguistics, Singapore, 2009, p. 63–66.
227. Gillis Steven, Daelemans Walter, de Smedt Koenraad. 'Artificial intelligence.' *Cognition and Pragmatics*. Sandra et al. (eds.), Amsterdam, Benjamins, 2009, p. 16–40.
228. Lieve Macken and Walter Daelemans, 'Aligning linguistically motivated phrases.' *Selected Papers from the 18th Computational Linguistics in the Netherlands Meeting*. Verberne et al. (eds.), Nijmegen, The Netherlands, 2009, p. 37–52.

229. Walter Daelemans and Véronique Hoste (eds.) *Evaluation of Translation Technology*. LANS 8/2009. Brussels: Academic and Scientific Publishers. 261 pages. 2009.
230. Walter Daelemans and Véronique Hoste. 'Evaluation of Translation Technology.' in Daelemans et al. (eds.) *Evaluation of Translation Technology*. LANS 8/2009, p. 9–13, 2009.
231. Erwin Marsi, Emiel Krahmer, Iris Hendrickx, Walter Daelemans. 'Sentence compression: Beyond deletion models?' *Empirical Methods in Natural Language Generation.*, Lecture Notes in Computer Science 5980, Springer, Berlin Heidelberg, to appear.
232. Lieve Macken and Walter Daelemans. 'A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns.' In: A. Gelbukh (ed.), *11th International Conference on Intelligent Text Processing and Computational Linguistics*. Iasi, Romania, Vol. 6009 of Lecture Notes in Computer Science, Springer-Verlag, Heidelberg, pp. 394-405, 2010. [Best paper award.]

**2010**

## Invited Lectures

1. University of Sussex, invited lecture on 'Applications of a model of Dutch morphophonology', invitation Gerald Gazdar, School for Cognitive and Computing Sciences, Brighton, UK, June 20, 1988.
2. University of Edinburgh, invited lecture on 'A model of Dutch Morphophonology', invitation Jo Calder, Centre for Cognitive Sciences, Edinburgh, UK, July 28, 1988.
3. University of Gent, invited lecture on 'Object-oriented Approach to Modeling of linguistic knowledge', invitation Prof. Y. Willems, Computer Science Laboratory, Gent, Belgium, November 14, 1988.
4. Tilburg University, invited lecture on 'Object-oriented Linguistics', invitation Prof. H. Bunt, Institute for Language Technology and Artificial Intelligence, Tilburg, The Netherlands, January 5, 1989.
5. Mechelen, Belgium, invited lecture on 'Artificial Intelligence', invitation Prof. Despontin, January 19, 1989.
6. Workshop Linguistic Analysis and Speech Technology, invited lecture on 'GRAFON-D: An Object-oriented system for grapheme to phoneme conversion', invitation Ton van der Wouden, Leiden, The Netherlands, 26-27 January, 1989.
7. University of Nijmegen, invited lecture on 'Object-oriented Linguistics', invitation Prof. G. Kempen, NICI, Nijmegen, The Netherlands, February 23, 1989.
8. International Center for Semiotic and Cognition Studies, keynote speaker advanced workshop on "Connectionism and Language", lecture on 'Soft Constraints and Hard Rules in the Lexicon', invitation Prof. S. Cerri, San Marino, Italy, 11-13 October, 1989.
9. Vlaams Filologencongres, invited Lecture on 'Biological Metaphors in Natural Language Processing', invitation Prof. T. Venckeleer, Brussels, Belgium, October 27, 1990.
10. Tilburg University, invited lecture on 'Inheritance in Natural Language Processing', invitation Prof. H. van Riemsdijk, Tilburg, The Netherlands, October 31, 1990.
11. University of Leuven, computer science department, invited lecture on 'Selectionism in natural language processing', invitation Prof. Y. Willems, Leuven, Belgium, November 15, 1990.
12. University of Nancy, CRIN, invited talk on 'Lexical research at ITK', invitation Dr. Guy Deville, Nancy, France, January 8, 1991.
13. University of Nijmegen, Lezingendag werkgemeenschap Taal en Geheugen (Aspecten van AI onderzoek), invited lecture on 'Taalkundige toepassingen van default inheritance', (with Koenraad De Smedt), invitation Dr. Henk van Jaarsveld, Nijmegen, The Netherlands, January 23, 1991.
14. Workshop on Computational Phonology and Morphology (University of Bielefeld), invited lecture on 'Connectionist and Selectionist Approaches to phonological acquisition', invitation Prof. Dafydd Gibbon, Bielefeld, Germany, October 23, 1991.
15. Invited lecture LIKE Colloquium, 'Evaluation of Lexical Representation Formalisms', (with Erik-Jan van der Linden), invitation Dr. Hans Weigand, Tilburg, The Netherlands, January 23, 1992.
16. Natural Language Processing Seminars on 'Issues in Computational Semantics' and 'Structure and Organisation of Computational Lexicons'. University of Brussels, invitation Prof. Steels, Brussels, Belgium, February 17, 1992.
17. NATO Advanced Research Workshop, invited poster presentation 'An intelligent Environment for learning to program AI Formalisms', invitation Enrica Lemut, S. Margherita, Genova, Italy, March 18, 1992.
18. International Workshop of the EAMT on Machine Translation and the Lexicon, invited paper on 'A generic architecture for data-oriented lexical acquisition.', invitation Petra Steffens (IBM), Heidelberg, Germany, April 26-28, 1993.
19. Colloquium of the Centre for Computational Linguistics, invited paper on 'A generic architecture for data-oriented lexical acquisition.', invitation Geert Adriaens, Leuven, Belgium, May 28, 1993.
20. Second Workshop on the Cognitive Science of Natural Language Processing, invited paper on 'A generic architecture for data-oriented lexical acquisition.' Invitation Andy Way, Dublin, Ireland, July 26-27, 1993.
21. Contactdag 'Spraaaktechnologie' Vlaanderen - Nederland, invited contribution 'Automatische inductie van taalkennis t.b.v. spraaksynthese.' Invitation: Dr. R. Herman, Kasteel van Ham, Steenokkerzeel, November 19, 1993.
22. Elsnet/MLnet Workshop on Machine Learning of Natural Language and Speech, invited paper on 'Case-Based Natural Language Learning.' Amsterdam, The Netherlands, December 2-3, 1994.
23. Seminar AI Group, University of Osnabrück, invited paper on 'Case-Based Learning of Natural Language.' Invitation Dr. Bart Geurts, Germany, January 31, 1995.
24. Seminar Linguistics department, University of Göteborg, invited paper on 'Case-Based Learning of Natural Language.' Invitation Dr. Joakim Nivre, Sweden, May 16, 1995.
25. Seminar department of Biophysics, University of Nijmegen, invited paper on 'Lazy Learning as an alternative to connectionist learning'. Invitation Dr. H. Kappen, May 23, 1995.

26. Seminar on Data-oriented and Memory-based Language Processing, Tilburg University, invited paper on ‘Memory-Based Language Processing.’ Invitation Jakub Zavrel, June 6, 1995.
27. ESSLLI 95 Workshop on Formal and Computational Phonology, invited paper ‘Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphology.’ invitation: Mark Ellison, Barcelona, August 23, 1995.
28. ESSLLI 95 Workshop on The Computational Lexicon, keynote paper ‘Memory-Based Lexical Acquisition’, invitation: M. Felisa Verdejo, Barcelona, August 25, 1995.
29. CLIF workshop on The Future of Language Technology in Flanders, invited paper on ‘Language Technology without Linguistics?’, Antwerp, November 30, 1995.
30. Colloquium of the Centre for Computational Linguistics, invited paper on ‘Automatic discovery of linguistic rules and categories.’, invitation Frank Van Eynde, Leuven, Belgium, January 12, 1996.
31. Psychology Colloquium, invited lecture on ‘Memory-Based Acquisition and Processing of Language.’, invitation Gerard Kempen, Leiden, The Netherlands, May 7, 1996.
32. NIAS Workshop on Computational Models of Human Syntactic Processing, invited lecture on ‘Memory-based language acquisition and processing.’ (with Gillis), invitation Koenraad De Smedt, Wassenaar, The Netherlands, June 6, 1996.
33. Sixth Belgian-Dutch Conference on Machine Learning, invited paper on ‘Abstraction Considered Harmful: Lazy Learning of Language Processing’. Invitation: van den Herik, Maastricht, The Netherlands, September 20, 1996.
34. CLS Opening Academic Year, invited lecture on ‘Experience-Driven Language Acquisition and Processing.’ Invitation: CLS board, Tilburg, The Netherlands, October 11, 1996.
35. Seminar on Philosophical and Computational Approaches to Analogy, Tilburg University, invited paper on ‘Exemplar-Based Language Acquisition and Processing.’ Invitation Jakub Zavrel, April 4, 1997.
36. Belgian Artificial Intelligence Day, invited paper on ‘Machine Learning of Natural Language Processing.’ Invitation Luc De Raedt, Leuven, April 28, 1997.
37. Linguistics Seminar, invited presentation on ‘Memory-Based Language Engineering.’, invitation Vera Kamp-huis, Nijmegen, May 7, 1997.
38. International Cognitive Linguistics Conference, invited theme session paper on ‘Exemplar-based Language Acquisition and Processing.’ (Invitation: David Powers), July 18, 1997.
39. NeMLap-3 invited lecture ‘Abstraction is harmful in language learning.’, Sydney, Australia, January 15, 1998. (Invitation Powers and Somers).
40. ECML workshop Towards adaptive NLP-driven systems (TANLPS), invited lecture, ‘Memory-Based Language Engineering.’ Chemnitz, April 24, 1998. (invitation, R. Basili).
41. SIKS Theme Day Natural Language and Intelligent Knowledge Systems, invited lecture on ‘Lazy Language Learning’, (invitation, H. Weigand), Tilburg, May 13, 1998.
42. Second Workshop in Computationally-intensive Methods in Quantitative Linguistics, invited presentation on ‘Linguistics as Data Mining: Using Machine Learning Techniques to Discover Linguistic Generalizations’, Glasgow, Scotland, September 7-9, 1998.
43. Radarworkshop Language and Speech Technology, invited presentation on ‘Language Technology in Flanders.’, Rotterdam, The Netherlands, February 3, 1999.
44. Seminarie voor onderwijskundige professionalisering, invited presentation on ‘Internet for Linguistics and Literary Science.’, Antwerpen, May 5, 1999.
45. XV Congreso de la Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN), invited keynote speaker on ‘Shallow Parsing with Examples.’, LLeida. September 7-9, 1999.
46. Artificial Intelligence and Beyond 2, invited lecture on ‘Empirical Natural Language Processing.’ Ieper, December 15, 1999. Invitation: Lea Vermeire.
47. VUB Brussels, invited lecture on ‘Empirical Natural Language Processing.’ Brussels, Belgium, January 12, 2000. Invitation: Bernard Manderick.
48. Erasmushogeschool, invited lecture on ‘Zelflerende Taaltechnologie’ Brussel, Belgium, February 15, 2000. Invitation: Lucia Luyten.
49. Analogical Modeling of Language Conference, invited lecture on ‘Comparison of AML to memory-based language processing.’ Provo, Utah, USA, March 23, 2000. Invitation: Royal Skousen.
50. UIA Studium Generale, Wetenschap en Samenleving, invited lecture “Mogelijkheden en grenzen van de taaltechnologie. De computer begrijpt (nog) niet zo veel.”, Antwerpen, Belgium, 6 November, 2000. Invitation: prof. dr. Verbeure.
51. ICCS Colloquium, invited lecture on ‘A memory-based single route model for German plurals.’ University of Edinburgh, 7 december, 2000. Invitation: Johanna Moore.

52. ICCS Colloquium, invited lecture on ‘Memory-based shallow parsing.’ University of Edinburgh, 8 december, 2000. Invitation: Johanna Moore.
53. Advanced course on Full-Text Information Retrieval Methods. Invited contribution on ‘k-NN classification.’, Nijmegen, The Netherlands, March 5-6, 2001. Invitation: Kees Koster.
54. Trends in Special Language and Language Technology, invited panel coordination Mastering Tools and Technology, Brussels, Flemish Parliament, 29-30 March, 2001. Invitation: Rita Temmerman.
55. Computerlinguistisches Kolloquium, Invited lecture on ‘Memory-Based Language Processing: Perspectives from Language Technology and Computational Psycholinguistics.’, Saarbruecken, Germany, June 7, 2001. Invitation: Matthew Crocker.
56. Workshop on Morphological Processing, invited paper on ‘A memory-based single-route model for German and Dutch plurals.’ Nijmegen, MPI, The Netherlands, June 11-14, 2001. Invitation: Harald Baayen.
57. SENSEVAL 2 Workshop, invited contribution to panel on ‘What kind of sense distinctions are hardest for systems to make.’, Toulouse, France, July 5-6, 2001. Invitation: Martha Palmer.
58. Euroconference Recent Advances in Natural Language Processing (RANLP), invited lecture on ‘Memory-Based Language Processing.’, Tsigov Chark, 5-7 September, 2001. Invitation: Ruslan Mitkov.
59. Colloquium Academisch Genootschap Sint-Albertus, invited paper on ‘Language Technology: Achievements and Limitations’. Genk, December 21, 2001. Invitation: Dr. P. Michels.
60. Natural Language and Computational Linguistics seminar, invited seminar on ‘Limitations of Current Methodology in Machine Learning of Natural Language’. Brighton, University of Sussex, January 17th, 2002. Invitation: John Carroll.
61. Seminarie Informatica, invited lecture on ‘Kenniss uit Tekst: inleiding tot de text mining.’, Antwerp, Aula University of Antwerp, March 20, 2002. Invitation: Brigitte Verdonk.
62. ESSLLI’2002 Workshop on Machine Learning approaches in Computational Linguistics, invited speaker ‘Machine Learning of Language, a model and a problem.’, Trento, Italy, August 5, 2002. Invitation: Erhard Hinrichs.
63. DAWAK 2002 (Data Warehousing and Knowledge Discovery), invited talk on ‘Text Mining Applications of a Shallow Parser.’, Aix-en-Provence, France, September 4, 2002. Invitation: Werner Winiwarter.
64. XVIII Congreso de la SEPLN, invited speaker, ‘Limitations of comparative machine learning methodology for language technology.’, Valladolid, September 11, 2002. Invitation: Valentin Cardenoso Payo.
65. Workshop on Quantitative Investigations in Theoretical Linguistics, invited talk, ‘Machine Learning for Linguistics.’, Osnabrück, Germany, October 5, 2002. Invitation: Anke Lüdeling.
66. Symposium on recent trends in data mining, invited talk ‘Instance-Based Learning for Text Mining.’ Leuven, Belgium, October 11, 2002. Invitation: Hendrik Blockeel.
67. Language Technology in Norwegian: The Norwegian Language Bank, invited talk ‘BLARK: Basic Language Resources Toolkit / The Corpus Spoken Dutch’ and invited talk ‘Learning Text Mining.’, Bergen, Norway, October 24-25, 2002. Invitation: Koenraad De Smedt.
68. National University of Singapore, invited talk “Pitfalls in comparative machine learning methodology for natural language processing ”, NUS, Singapore, February 11, 2003. Invitation: Hwee Tou Ng.
69. I2R Institute for Information and Communication Research, invited talk “Memory-Based Shallow Parsing”, Singapore, February 13, 2003. Invitation: dr. Jian Su.
70. DSO National Laboratories. invited talk “Text Mining at CNTS”, Singapore, February 14, 2003. Invitation: dr. Khee Yin How.
71. Meaning workshop, invited talk “Optimization in Machine Learning of Word Sense Disambiguation”, San Sebastian, Spain, April 11, 2003. Invitation: Eneko Agirre.
72. CGN workshop, invited panel contribution “Desiderata corpora language technology.” Nijmegen, May 16, 2003. Invitation: Harald Baayen.
73. Formal Grammar Vienna, invited talk “Exemplar-Based Language Models”, Vienna, August 17, 2003. Invitation: Paula Monachesi.
74. International Colloquium on Multilingualism and Electronic Information management, invited paper “Annotated Corpora for Fast Shallow Parsing for Text Mining.”, Bloemfontein, South-Africa, September 23, 2003. Invitation: Theo du Plessis.
75. Workshop on partnership: SA-Dutch Language Union on Development of Human Language Technologies. Possibilities and Challenges, invited paper “A report on basic resources for Dutch Language and Speech Technology.”, Bloemfontein, South-Africa, September 23, 2003. Invitation: Theo du Plessis.
76. Vlaams Parlement, interparlementaire commissie Nederlandse Taalunie, invited contribution on “Taal- en spraaktechnologie in Nederland en Vlaanderen in 2003”, Brussel, November 3, 2003. Invitation: Koen Jaspert.

77. Workshop on Grammars and Learning. Invited paper “Example-Based Language Learning: Generalization does not equal abstraction.”, Utrecht, Netherlands, November 14, 2003. Invitation: Michael Moortgat.
78. Invited tutorial presentation on “Memory-based Language Processing.” PASCAL workshop on Learning Methods for Text Understanding and Mining, Grenoble, France, January 26-29, 2004. Invitation: Nicola Cancedda.
79. Invited talk on “Shallow Understanding for Text Mining” Colloquium on multimodal information extraction, Nijmegen, The Netherlands, May 12, 2004. Invitation: Folkert De Vriend.
80. Invited talk on “Optimization in Machine Learning of Word Sense Disambiguation.” Language and Inference Technology group (LIT) research seminar, Amsterdam, The Netherlands, May 14, 2004. Invitation: Maarten de Rijke.
81. Invited speaker, EsTAL - ESPANA for NATURAL LANGUAGE PROCESSING conference, paper on “Reusable Text Analysis for Applications.”, Alicante, Spain, October 20-22, 2004. Invitation: Manuel Palomar.
82. STEVIN-meeting Language and Speech Technology and the ICT market. Invited workshop contribution “What do companies want from the knowledge infrastructure.”, Antwerpen, provinciehuis, March 2, 2005.
83. Department of Psychology, University of Ghent, invited talk on “Computational Models of Inflectional Morphology.” Gent, March 8, 2005. Invitation: Tom Verguts.
84. Congres Media Accessibility, invited presentation on “Automatic text compression for subtitling.” Barcelona (Universidad Autonoma), June 8, 2005. Invitation: Aline Remael.
85. LingForum Ghent. Invited talk on “Trends in Computational Linguistics.” Ghent, November 8, 2005. Invitation: Evie Coussé.
86. Experimental Methods in Language Acquisition Research (EMLAR-II), invited tutorial on “Simulation”, Utrecht, November 17, 2005. Invitation: Esther Ruigendijk.
87. Conference on Natural Language Learning (CoNLL X). Keynote paper on “A Mission for Computational Natural Language Learning.” New York, USA, June 8, 2006. Invitation: Lluís Marquez.
88. Data Mining Day, invited contribution on “Text Mining”, Antwerp, Belgium, June 15, 2006. Invitation: Bart Goethals.
89. Tecnologies de la Llengua: Tècniques d'aprenentatge automàtic, invited seminar on “Comparison of Machine Learning Techniques.” Centre Ernest Lluch, Barcelona, July 6, 2006. Invitation: Marsal Gavaldà.
90. Panel discussion on “History, current status, and future of AI.” BNAIC Conference, Namur, Belgium, October 5, 2006. Invitation: Edwin de Jong.
91. Symposium *50 Years AI*. Invited talk on “Natural Language Processing”. Academiegebouw, Brussels, Belgium. November 23, 2006. Invitation: Luc Steels.
92. StatUA seminar. Invited talk on “The statistical revolution in natural language processing: eager and lazy language learning from text data.” Antwerp, Belgium, March 22, 2007. Invitation: Peter Goos.
93. NODALIDA 2007, the 16th Nordic Conference of Computational Linguistics, invited talk on “Text Analysis and Machine Learning for Stylometrics and Stylogenetics.” Tartu, Estonia, May 26, 2007. Invitation: Joakim Nivre.
94. Workshop on Machine Learning and Cognitive Science of Language Acquisition, invited lecture on “Memory-based models of inflectional morphology acquisition and processing.” London, UK, June 22, 2007. Invitation: Alex Clark.
95. LSSA/SAALA/SAALT joint conference, invited lecture on “Memory-based shallow parsing for fast development of linguistic tools and modules.” Potchefstroom, South-Africa, July 4, 2007. Invitation: Bertus van Rooy.
96. LSSA/SAALA/SAALT joint conference, workshop on Rekenaarlinguïstiek. Invited talk on “Recent approaches to MT evaluation.” Potchefstroom, South-Africa, July 5, 2007. Invitation: Gerhard van Huyssteen.
97. ESF Exploratory Workshop on Models of Language Evolution, Acquisition and Processing. Invited paper on “Memory-Based Learning”, Leuven, Belgium, November 27, 2007. Invitation: Lou Boves.
98. Dublin Computational Linguistics Research Seminar Series, invited talk on “Text Analysis and Machine Learning for Personality and Author Detection from Text.” Dublin, Ireland, March 7, 2008. Invitation: Josef Van Genabith.
99. Information Retrieval Seminar ‘What’s on in Computing Science?’, invited talk on “Author Personality and Identity Detection with Limited Data from Many Authors”, Glasgow, Scotland, June 23, 2008. Invitation: Leif Azzopardi.
100. Workshop on HLT Collaboration between South Africa and the Low Countries, invited presentation on “Research on Human Language Technologies in Flanders.” Monkey Valley, South-Africa, 24-25 November, 2008. Invitation: Dutch Language Union.
101. Wetenschappelijk Interdisciplinair Seminarie (WIS), invited lecture on “Progress in Natural Language Understanding’.” Antwerpen, May 20, 2009. Invitation: Kim Volders.

102. Lentecyclus of the Centrum voor Europese Cultuur van de Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunst, invited lecture on “Automatisch vertalen tussen taalkunde en statistiek” (Machine Translation between linguistics and statistics.), Brussels, May 27, 2009. Invitation: Sophie Dejaegher.
103. International Summer School on Embodied Language Games and Construction Grammar, invited lecture on “Memory-Based Language Processing”, invited tutorial on “Parsing Technologies.” Cortona, Italy, August 29 - September 4, 2009. Invitation: Vanessa Micelli.
104. RANLP 2009 invited keynote lecture on “Robust Features for Computational Stylometry.” Borovec, Bulgaria, September 16, 2009. Invitation: Ruslan Mitkov.
105. Technical University Eindhoven, invited lecture on “Machine learning for Computational Stylometry”, Eindhoven, The Netherlands, September 22, 2009. Invitation: Christian Guenther.
106. ESF SCH Exploratory Workshop: Words In Action: Interdisciplinary Approaches To Understanding Word Processing And Storage, invited contribution on “Memory-Based Morphological Processing.” Pisa, Italy, October 11-14, 2009. Invitation Vito Pirrelli.
107. University of Groningen, invited lecture on “Computational Stylometry: Linguistic Features for Authorship Attribution”, Groningen, November 13, 2009. Invitation: Myrte Gosen.

## Conference Contributions

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1. Demonstration Language Technology software: Symposium Computational Linguistics, University of Antwerp, Belgium, June 29, 1984; Symposium Language Technology, University of Tilburg, The Netherlands, April, 1 1985; NIP Spring Conference, University of Nijmegen, The Netherlands, June 7, 1985.
2. Academic Meeting University of Brussels, invited speaker on ‘Artificiële Intelligentie en Natuurlijke Taal’ (Artificial Intelligence and Natural Language), invitation Prof. Loccufer, Brussels, Belgium, February 14, 1987.
3. Third ACL conference (European Chapter), ‘A Tool for the automatic creation, extension and updating of lexical knowledge bases’, accepted paper, Copenhagen, Denmark, 1-3 April, 1987.
4. Second International Conference and Exhibition on Children in the Information Age, ‘Artificial Intelligence Tools for Grammar and Spelling Instruction’ (with Fiery Pijls and Gerard Kempen), accepted paper, Sofia, Bulgaria, 19-23 May, 1987.
5. Fourth Esprit Conference 1987, ‘Representation Aspects of Knowledge-based Office Systems’ (with Kris van Marcke and Viviane Jonckers), accepted paper, Brussels, Belgium, 28-30 September, 1987.
6. Fourth International Conference on Text Processing (PROTEXT IV) 1987, ‘Text Processors with Linguistic Knowledge’ (with Gert Anbeek), accepted paper, Boston, U.S.A., 20-22 October, 1987.
7. NAIC-88 (First Dutch A.I. Conference) 1988, ‘Toepassingen van een objectgericht computermodel van de Nederlands morf fonologie’, accepted paper, Amsterdam, The Netherlands, 12-13 April, 1988.
8. ORD’88 (Educational Research Conference), ‘Een intelligent tutoring systeem voor Nederlandse werkwoordspelling’ (An intelligent tutoring system for Dutch verb spelling), accepted paper, Leuven, Belgium, 30-31 May, 1988.
9. Twelfth International Conference on Computational Linguistics (COLING’88), ‘GRAFON: A Grapheme-to-phoneme conversion system for Dutch’, accepted paper, Budapest, Hungary, 22-27 August, 1988.
10. Third International Symposium on Knowledge Engineering, ‘Learning Heuristic Diagnostic Rules in an Intelligent Tutoring System’, accepted paper, Madrid, Spain, October 19-21, 1988.
11. IJCAI-89 Workshop on Object-Oriented Programming in AI, ‘Object-oriented Hierarchical Lexicons’, accepted paper, Detroit, USA, August 22, 1989.
12. Morfologiedagen 1989, lecture on ‘Selectieve overerving in morfologische representatie’ (Selective inheritance in morphological representation), Leuven, Belgium, 21-22 September, 1989.
13. International Workshop on Inheritance in Natural Language Processing, ‘Inheritance in Object-oriented Natural Language Processing’, accepted paper, Tilburg, The Netherlands, August 16-18, 1990.
14. CBL Symposium ‘Computer en Onderwijs’, invited paper on ‘TDTDT and Spelraam’, invitation Prof. P. Reynders, Antwerp, Belgium, October 13, 1990.
15. First meeting of CLIN (Computational Linguistics in the Netherlands), paper on ‘Breeding Linguistic Rules: a Selectionist Approach to NLP’, Utrecht, The Netherlands, October 26, 1990.
16. International joint conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing (ACH/ALLC 91), ‘An Object-oriented Linguistic Toolbox’, accepted paper, Tempe, Arizona, March 17-21, 1991.
17. CLIN 1991, Computational Linguistics in the Netherlands. ‘Linguistic Pattern Matching Capabilities of Connectionist Networks’, (with Antal van den Bosch), accepted paper, Amsterdam, The Netherlands, CWI. November 29, 1991.

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18. CLIN 1991, Computational Linguistics in the Netherlands. 'Evaluation of Lexical Representation Formalisms', with Erik-Jan van der Linden, accepted paper, Amsterdam, The Netherlands, CWI, November 29, 1991.
19. First SHOE Workshop on Machine Learning of Natural Language, Tilburg University, 'Genetic Search and Assimilation', Tilburg, The Netherlands, February 28, 1992.
20. Workshop on Connectionism and Natural Language (TWLT 3), invited paper on 'Generalization Performance of Backpropagation Learning on a Syllabification Task' (with Antal van den Bosch), invitation Prof. Anton Nijholt, Enschede, The Netherlands, May 13, 1992.
21. COGSYS 10 (10th Workshop of the ESSCS), paper on 'Genetic Optimization in memory-based generalization. Application to a Linguistic Pattern Matching Problem', accepted paper, Groningen, The Netherlands, May 20, 1992.
22. CLIN 1992 (Third Computational Linguistics in the Netherlands meeting), accepted paper on 'Corpus-based Methods for Grapheme-to-Phoneme Conversion in Dutch.' (with Antal van den Bosch), Tilburg, The Netherlands, October 30, 1992.
23. CLIN 1992 (Third Computational Linguistics in the Netherlands meeting), accepted paper on 'Exploring Artificial Learning Algorithms: Learning to Stress Dutch Simplex Words.' (with van den Bosch, Durieux and Gillis), Tilburg, The Netherlands, October 30, 1992.
24. IPrA Research Forum, 'Exploring artificial learning algorithms' (with van den Bosch, Durieux and Gillis), invitation Prof. J. Verschuere, Antwerp, Belgium, November 6, 1992.
25. Computational Phonology Workshop, accepted paper on 'Exploring artificial learning algorithms' (with van den Bosch, Durieux and Gillis), Edinburgh, UK, December, 18, 1992.
26. TIN 1993 (Linguistics Meeting), paper on 'Exploring artificial learning algorithms in the domain of metrical phonology' (with van den Bosch, Durieux and Gillis), Utrecht, The Netherlands, January 16, 1993.
27. ECML 1993 Workshop on Machine Learning and Text Analysis, accepted paper on 'A Data-Driven Approach to Stress Acquisition.' (with Gillis, Durieux and van den Bosch), Vienna, Austria, April 8, 1993.
28. EACL 1993, accepted paper on 'Data-oriented methods for grapheme-to-phoneme conversion.' (with van den Bosch), Utrecht, The Netherlands, April 21-23, 1993.
29. Meeting of the BKL (Belgische Kring Linguïsten), paper on 'Theory-driven vs. Data-driven benaderingen van woordklemtoon: een empirische test.' (with Durieux and Gillis), Brussels, Belgium, May 8, 1993.
30. Benelearn 1993, accepted paper on 'Machine Learning of Natural Language: An Empiricist Alternative to Nativist Theory.' (with Durieux and Gillis), Palais des Congres, Brussels, Belgium, June 1, 1993.
31. Joint International Conference of the ACH and the ALLC 1993, accepted paper on 'Learning Linguistic Mappings: An Instance-Based Learning Approach.' (with Gillis, Durieux and van den Bosch), Georgetown University Washington, DC, USA, June 15-17, 1993.
32. Fifteenth Annual Conference of the Cognitive Science Society, accepted paper on 'Learnability and Markedness: Dutch Stress Assignment.' (with Gillis, Durieux, and van den Bosch), Boulder, Colorado, USA, June 18-21, 1993.
33. Third Conference of the International Cognitive Linguistics Association, accepted paper on 'Similarity-Based Acquisition of Linguistic Prototypes.' (with Gillis, Durieux, and van den Bosch), Leuven, Belgium, July 19-23, 1993.
34. Sixth International Congress for the Study of Child Language, accepted paper on 'Analogical Modeling of Language Acquisition' (with Gillis, Durieux, van den Bosch), Trieste, Italy, July 18-24, 1993.
35. Eurospeech 1993, accepted paper on 'TABTALK: Reusability in data-oriented Grapheme-to-Phoneme Conversion.' (with A. van den Bosch), Berlin, Germany, September 21-23, 1993.
36. Sixth NET symposium, 'Do we really need parameters? The case of stress acquisition.' (with Gillis and Durieux), Nijmegen, Max Planck Institute, February, 11, 1994.
37. Workshop Cognitive Models of Language Acquisition, invited contribution on 'Lazy Learning: A comparison of natural and machine stress learning.' (with Gillis and Durieux), invitation: Peter Broeder and Jaap Murre, Tilburg, April 21-23, 1994.
38. Belgian-Dutch conference on Machine Learning BENELEARN 1994, accepted paper on 'Skousen's Analogical Modeling Algorithm', (with Gillis, Durieux), Rotterdam, June 10, 1994.
39. First Lisbon Meeting on Child Language, accepted paper on 'Do we really need parameters? The case of stress acquisition.' (with Gillis and Durieux), Lisbon, Portugal, June 14-18, 1994.
40. Colloque International Communication Prelinguistique et linguistique chez l'enfant, accepted paper on 'Modeling the Nature-Nurture Debate: An Experiment' (with Gillis and Durieux), Paris, France, June 20-22, 1994.
41. Sixteenth Annual Conference of the Cognitive Science Society, accepted paper on 'Are Children Lazy Learners? A comparison of Natural and Machine Learning of stress.' (with Gillis and Durieux), Georgia Institute of Technology, Atlanta, USA, August 13-16, 1994.

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42. International Conference on New Methods in Language Processing (NeMLaP), accepted paper on ‘Skousen’s Analogical Modeling Algorithm: A Comparison with Lazy Learning’ (with Gillis and Durieux), UMIST, Manchester, UK, September 14-16, 1994.
43. Second International Conference on Quantitative Linguistics (QUALICO), accepted paper on ‘Analysing Orthographic Depth of Different Languages using Data-Oriented Algorithms’ (with van den Bosch, De Gelder and Content), Moscow, Russia, September 20-24, 1994.
44. Computational Linguistics in the Netherlands (CLIN’94), accepted paper on ‘Linguistics as Data Mining.’ Enschede, The Netherlands, November 23, 1994.
45. First International Workshop on the Acquisition of Pre- and Protomorphology, University of Vienna, accepted papers on ‘Lazy Learning: Does Rule-like Behavior Require Rules?’ (with Gillis and Durieux) and ‘The acquisition of Dutch diminutives: Do learnability results predict the order of acquisition?’ (with Gillis and Berck), Vienna, Austria, February 24-28, 1995.
46. GALA (Groningen Assembly on Language Acquisition), accepted paper ‘Testing a computer simulation of a parametric model’ (with Gillis and Durieux), Groningen, September 8, 1995.
47. Computational Linguistics in the Netherlands (CLIN’95), accepted paper on ‘Memory-Based Part of Speech Tagging’ (with Berck, Gillis, Zavrel). Antwerp, Belgium, December 1, 1995.
48. Computational Linguistics in the Netherlands (CLIN’95), accepted paper on ‘Machine Learning of Morpheme Boundary detection’ (with van den Bosch, Weijters). Antwerp, Belgium, December 1, 1995.
49. Inductive Logic Programming project ILP-2 End-User Meeting, talk on ‘Machine Learning of Natural Language.’, Bonn, Germany, March 27, 1996.
50. VIIIth International Congress for the Study of Child Language, accepted paper, ‘On phonological bootstrapping’ (with Gillis and Durieux), Istanbul, Turkey, July 16, 1996.
51. Fourth Workshop on Very Large Corpora, accepted paper, ‘MBT: A Memory-Based Part of Speech Tagger Generator.’ (with Zavrel, Berck, Gillis), Copenhagen, Denmark, August 4, 1996.
52. Sixteenth International Conference on Computational Linguistics, accepted paper ‘Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphological Rules.’ (with Berck, Gillis), Copenhagen, Denmark, August 5-9, 1996.
53. Second International Conference on new Methods in Language Processing, accepted paper, ‘Morphological Analysis as Classification: an Inductive-Learning Approach.’ (with van den Bosch, Weijters), Ankara, Turkey, September 16-18, 1996.
54. TROPICS, Workshop on early language perception and production in normal and impaired children: “How to get into language: approaches to bootstrapping in early language development.” Accepted paper on ‘Phonological Bootstrapping: Learning Grammatical Classes from Phonological Cues’ (with Gillis, Durieux, Kempen, Wijnen), Berlin, Germany, September 26-29, 1996.
55. Seventh CLIN workshop, accepted paper on ‘Memory-Based Prepositional Phrase Attachment.’ (with Zavrel, Berck), IPO, Eindhoven, The Netherlands, November 15, 1996.
56. Interdisciplinary Research Conference “Informatiewetenschap 1996”, accepted paper on ‘Part-of-speech tagging with MBT, a memory-based tagger-generator.’ (with Zavrel, Berck), TUDelft, Delft, The Netherlands, December 13, 1996.
57. GALA’97, accepted poster presentation on ‘Learning grammatical classes from phonological cues: an experiment.’ (with Gillis, Durieux, Kempen), University of Edinburgh, Edinburgh, UK, April 4-6, 1997.
58. European Conference on Machine Learning, ECML’97, accepted poster presentation on ‘A Feature-Relevance Heuristic for Indexing and Compressing Large Case Bases.’ (with van den Bosch, Zavrel), Prague, April 24, 1997.
59. Workshop on Empirical Learning of Natural Language Processing Tasks, accepted paper on ‘Memory-based Learning: Using Similarity for Smoothing.’ (with Zavrel), Prague, April 26, 1997.
60. ACL-EACL Conference, accepted paper on ‘Memory-based Learning: Using Similarity for Smoothing.’ (with Zavrel), Madrid, July 9, 1997.
61. CONLL’97 Workshop, accepted paper on ‘Resolving PP Attachment Ambiguities with Memory-Based Learning.’ (with Zavrel, Veenstra), Madrid, July 11, 1997.
62. Cognitive Science Conference 1997, accepted poster on ‘Toward Memory-Based Syntactic Processing.’, (with Veenstra, Zavrel), Stanford, August 9, 1997.
63. First Conference on Computational Psycholinguistics (CPL’97), accepted paper on ‘Toward Memory-Based Syntactic Processing.’ (with Veenstra, Zavrel), Berkeley, August 12, 1997.
64. Benelearn 1997, accepted paper on ‘When Small Disjuncts Abound, Try Lazy Learning: A Case Study.’ (with Van den Bosch, Weijters, Van den Herik), Tilburg, October 21, 1997.
65. Round Table on Algorithms for Memory-Based Language Processing, paper on ‘Abstraction is Harmful?’, Corsendonk, Oud-Turnhout, December 13, 1997.

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66. NeMLaP-3 and CoNLL'98, accepted paper on 'Do not forget: Full memory in memory-based learning of word pronunciation.' (with van den Bosch), Sydney, Australia, January 17, 1998.
67. NeMLaP-3 and CoNLL'98, accepted paper on 'Modularity in inductively-learned word pronunciation systems.' (with van den Bosch, Weijters), Sydney, Australia, January 17, 1998.
68. ELSNET in Wonderland workshop, accepted paper on 'Rapid development of NLP modules with memory-based learning.', Utrecht, March 1998.
69. LREC workshop on adapting lexical and corpus resources to sublanguages and applications, accepted paper on 'Toward Inductive Lexicons: a Case Study.', Granada, May 26, 1998.
70. COLING/ACL conference, accepted paper on 'Improving data driven wordclass tagging by system combination.', Montreal, Canada, August 10-14, 1998.
71. Ninth CLIN meeting, accepted presentations on 'On the arbitrariness of lexical categories.' (with Gillis, Durieux); 'Memory-Based word sense disambiguation.' (with van den Bosch, Buchholz, Veenstra, Zavrel); 'A numeric transform for memory-based language processing (with Gemis); 'Comparing maximal entropy tagging and memory-based tagging.' (with Depauw, De Raedt, Dehaspe), Leuven, Belgium, December 11, 1998.

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72. Workshop on Adaptive NLP platforms and systems: problems, methodological issues, and applications, paper on 'memory-based language engineering: making lexicons adaptive.', Rome. Italy, January 23, 1999.
73. Computational Natural Language Learning (CoNLL-99), accepted paper on 'Memory-Based Shallow Parsing', (with Jorn Veenstra and Sabine Buchholz), Bergen, Norway, June 12, 1999.
74. Joint Conference on Empirical Methods in NLP and Very Large Corpora, accepted paper on 'Cascaded Grammatical Relation Assignment.', (with Jorn Veenstra and Sabine Buchholz), College Park, Maryland, June 21-22, 1999.
75. 37th annual meeting of the ACL, accepted paper on 'Memory-based morphological analysis.', (with Antal van den Bosch), College Park, Maryland, June 23-26, 1999.
76. 6th European conference on speech communication and technology, accepted poster presentation on 'Machine learning of word pronunciation: the case against abstraction.', (with Antal van den Bosch and Bertjan Busser), Budapest, Hungary, September 5-9, 1999.
77. 10th Computational Linguistics in the Netherlands meeting, accepted paper on 'Bootstrapping morphosyntactic annotation for the corpus of spoken Dutch.' (with Van Eynde and Zavrel), Utrecht, December 10, 1999.
78. 10th Computational Linguistics in the Netherlands meeting, accepted paper on 'A machine learning approach to phonemic corpus annotation.' (with Hoste and Gillis), Utrecht, December 10, 1999.
79. Morfologiedagen 1999. Accepted paper on 'Wanneer drinkt men t? Een psycholinguïstische en computationele benadering van dt-fouten.' (with Frisson, Daems, Gillis, Durieux, Taelman). Antwerpen, Belgium, December 15-16, 1999.

**2000**

80. Evolang (Evolution of Language) Conference, accepted poster on 'Grael, Grammar Adaptation, Evolution and Learning.' (with De Pauw) Paris, France, April 3-6, 2000.
81. Second International Conference on Language Resources and Evaluation, accepted paper on 'Bootstrapping a Tagged Corpus through Combination of Existing Heterogeneous Taggers' (with Zavrel), Athens, Greece, 31 May - 2 June, 2000.
82. Second International Conference on Language Resources and Evaluation, accepted paper on 'Part of Speech Tagging and Lemmatization for the Spoken Dutch Corpus' (with Van Eynde and Zavrel), Athens, Greece, 31 May - 2 June, 2000.
83. 17th International Conference on Machine Learning, accepted paper on 'Meta-Learning for Phonemic Annotation of Corpora.' (with Hoste, Tjong Kim Sang, Gillis), Stanford, USA, 29 June - 2 July, 2000.
84. 18th International Conference on Computational Linguistics, accepted paper on 'A Rule Induction Approach to Modeling Regional Pronunciation Variation.' (with Hoste and Gillis), Saarbrücken, Germany, 31 July - 4 August, 2000.
85. 18th International Conference on Computational Linguistics, accepted paper on 'Applying system combination to base noun phrase identification' (with Sang, Déjean, Koeling, Krymolowski, Punyakanok, Roth), Saarbrücken, Germany, 31 July - 4 August, 2000.
86. Fourth Conference on Computational Natural Language Learning, accepted paper on 'The role of algorithm bias vs. information source in learning algorithms for morphosyntactic disambiguation.' (with De Pauw), Lisbon, Portugal, 13-14 September, 2000.
87. Fourth Conference on Computational Natural Language Learning, accepted paper on 'Genetic algorithms for feature relevance assignment in memory-based language processing.' (with Kool, Zavrel), Lisbon, Portugal, 13-14 September, 2000.

88. AMLaP-2000, accepted poster on ‘The modal shift from root infinitives to finite verbs in children’s language. A computer simulation study. (with Kempen & Gillis). Leiden, The Netherlands, September 20-23, 2000.
89. AMLaP-2000, accepted poster on ‘Testing dual route models for morphology: german plurals.’ Leiden, The Netherlands, September 20-23, 2000.
90. BNAIC’00, accepted paper on ‘Meta-learning for phonemic annotation of corpora.’ (with Hoste, Gillis), Tilburg, The Netherlands, 1–2 November, 2000.
91. CLIN 2000, accepted paper on ‘GRAEL: a distributed, evolutionary computing approach to grammar optimization.’ (with De Pauw), Tilburg, The Netherlands, 3 November, 2000.
92. CLIN 2000, accepted paper on ‘A memory-based approach to connectionist shift-reduce parsing.’ (with Veenstra), Tilburg, The Netherlands, 3 November, 2000.
93. CLIN 2000, accepted paper on ‘Comparing bagging and boosting for natural language processing tasks: a typicality approach.’ (with Hoste), Tilburg, The Netherlands, 3 November, 2000.
94. Bene-Evolang 2000, accepted paper on ‘Data-driven GRAEL: a distributed, evolutionary computing approach to grammar induction and optimization.’ (with De Pauw), Brussels, Belgium, 17th November, 2000.
95. TWLT 18 and CEvoLE 2, Internalising Knowledge, accepted paper on ‘Diverse classifiers for NLP disambiguation tasks. Comparison, Optimization, Combination, and Evolution.’ (with Zavrel, Degroeve, Kool, Jokinen), Ieper, Belgium, November 22-24, 2000.
96. Benelearn 2000, accepted paper on ‘Simultaneous feature selection and parameter optimization for memory-based natural language processing.’, (with Kool, Zavrel), Tilburg, The Netherlands, 13 December, 2000.
97. Benelearn 2000, accepted paper on ‘Comparing bagging and boosting for natural language processing tasks: a typicality approach’, (with Hoste), Tilburg, The Netherlands, 13 December, 2000.
98. Symposium on Psycholinguistics approaches to implicit and explicit phonological knowledge, paper on ‘Stress, rules and lexicon: a psycholinguistic approach.’ (with Durieux, Frisson, Gillis, Sandra, Taelman), Antwerp, March 30, 2001.
99. COCODSA Workshop 2001, accepted contribution on ‘Strengthening the Dutch Language and Speech Technology Infrastructure.’, (with Cucchiari and Strik), Aalborg, September 2, 2001.
100. RANLP 2001, accepted paper on ‘SHAPAQA: Shallow Parsing for Question Answering on the World Wide Web.’ Tsigov Chark, 5-7 September, 2001.
101. Amlap-2001, accepted paper ‘Stress Assignment in Dutch: Memory-Based, Rule-Based, or Both?’, (with Durieux, Frisson, Taelman, Martens, Gillis, Sandra), Saarbrücken, September 20-22, 2001.
102. CLIN 2001, accepted paper on ‘Phoneme-to-grapheme conversion for out-of-vocabulary items in speech recognition.’ (with Decadt, Duchateau, Wambacq), Enschede, November 30, 2001.
103. CLIN 2001, accepted paper on ‘Stress assignment in Dutch: dual and single mechanism models.’ (with Durieux, Martens, Gillis, Sandra), Enschede, November 30, 2001.
104. CLIN 2001, accepted paper on ‘Memory-based all-words word-sense disambiguation for Dutch and English.’ (with Hoste, van den Bosch, Hendrickx), Enschede, November 30, 2001.
105. CLIN 2001, accepted paper on ‘Interaction between named-entity recognition and base NP chunking for Dutch.’ (with Hoste and De Meulder), Enschede, November 30, 2001.
106. Dag van de Fonetiek, paper on ‘Where do syllables come from?’, (with Martens, Gillis, Taelman). Utrecht, December 20, 2001.
107. NET-symposium 2002, ‘De oorsprong van syllaben.’ (with Martens, Gillis, Taelman), Nijmegen, The Netherlands, March 15, 2002.
108. LREC 2002, accepted paper on ‘Evaluation of Machine Learning Methods for Natural Language Processing Tasks.’ (with Hoste), Las Palmas de Gran Canaria, May 29, 2002.
109. LREC 2002, accepted poster on ‘A Human Language Technologies Platform for the Dutch Language.’ (with Binnenpoorte, De Vriend, Sturm, Strik, and Cucchiari), Las Palmas de Gran canaria, May 31, 2002.
110. ATILA Meeting 2002, paper on ‘Limitations of comparative machine learning methodology.’ (with Hoste), Tilburg, The Netherlands, June 19, 2002.
111. ACL 2002 Workshop on Word Sense Disambiguation: Recent Successes and Future Directions, accepted paper on ‘Dutch Word Sense Disambiguation: Optimizing the Localness of Context.’ (with Hendrickx, Hoste, van den Bosch), Philadelphia, USA, July 11, 2002.
112. ACL 2002 Workshop on Word Sense Disambiguation: Recent Successes and Future Directions, accepted paper on ‘Evaluating the results of a memory-based word-expert approach to unrestricted wsd.’ (with Hendrickx, Hoste, van den Bosch), Philadelphia, USA, July 11, 2002.
113. CogSci 2002, accepted paper on ‘Where do syllables come from?’ (with Martens, Gillis, Taelman), George Mason University, Fairfax, Virginia, August 8-10, 2002.

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114. DSP Valley’s Annual Research & Technology Symposium (DARTS 2002), paper on ‘Automatic transcription and normalization of speech’ (with Duchateau, Wambacq, Vandeghinste, Van Eynde, Depoortere, Martens, Tjong Kim Sang), Leuven, Belgium, October 8, 2002.
115. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘Limitations of comparative machine learning methodology for language technology.’ (with Hoste), Groningen, The Netherlands, November 29, 2002.
116. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘Predicting pitch accents and phrase breaks from text.’ (with Marsi, Reynaert, Hoste, van den Bosch), Groningen, The Netherlands, November 29, 2002.
117. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘On the relevance of performing shallow parsing before clustering.’ (with Reinberger and Decadt), Groningen, The Netherlands, November 29, 2002.
118. Third International Conference on Intelligent Text Processing and Computational Linguistics (CICLING-03). Accepted paper “Is shallow parsing useful for unsupervised learning of semantic clusters.” (with Reinberger), Mexico City, Mexico, February 16-22, 2003.
119. International Conference on Ontologies, Databases and Applications of SEMantics (ODBASE-03), accepted paper on “Mining for lexons: applying unsupervised learning methods to create ontology bases.” (with Reinberger, Spyns, Meersman), Catania, Sicily (Italy), 3–7 November 2003.
120. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Verb Classification.” (with Decadt), Antwerp, Belgium, December 19, 2003.
121. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Two techniques for morphological segmentation in Dutch.” (with Laureys, De Pauw, Van hamme), Antwerp, Belgium, December 19, 2003.
122. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Evaluation of statistical measures for the selection of semantic dependencies” (with Reinberger), Antwerp, Belgium, December 19, 2003.
123. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Adaptation of the CELEX Dutch Morphological Database in the FLAVOR-project.” (with De Pauw, Laureys, Van Compernelle), Antwerp, Belgium, December 19, 2003.
124. Conference on Natural Language Learning (CoNLL-04), accepted paper on “Memory-based semantic role labeling: Optimizing features, algorithm, and output.” (with van den Bosch, Canisius, Hendrickx, Tjong Kim Sang), Boston, USA, May 6-7, 2004.
125. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted paper on “Sentence Simplification for Subtitling in Dutch and English.” (with Höthker and Tjong Kim Sang), Lisbon, Portugal, May 26-28, 2004.
126. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted paper on “Multimodal Multilingual Resources in the Subtitling Process.” (with Piperidis, Demiros, Prokopidis, Vanroose, Höthker, Daelemans, Sklavounou, Konstantinou, Karavidas), Lisbon, Portugal, May 26-28, 2004.
127. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Unsupervised Text Mining for Ontology Extraction: An Evaluation of Statistical Measures.” (with Reinberger), Lisbon, Portugal, May 26-28, 2004.
128. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Unsupervised Text Mining for Ontology Extraction: An Evaluation of Statistical Measures.” (with Reinberger), Lisbon, Portugal, May 26-28, 2004.
129. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Evaluation and adaptation of the Celex Dutch morphological database.” (with Laureys, De Pauw, Van Hamme, Van Compernelle), Lisbon, Portugal, May 26-28, 2004.
130. LREC Workshop “Beyond Named Entity Recognition - Semantic Labelling for NLP Tasks.” accepted paper on “Verb Classification - Machine Learning Experiments in Classifying Verbs into Semantic Classes.”, (with Decadt), Lisbon, Portugal, May 25, 2004.
131. Workshop on Current Themes in Computational Phonology and Morphology, accepted paper on “A Comparison of Two Different Approaches to Morphological Analysis of Dutch.” (with De Pauw, Laureys, Van hamme), Barcelona, Spain, July 26, 2004.
132. Third International Workshop on the Evaluation of Systems for the Semantic Analysis of Text (Senseval-3), accepted paper on “GAMBL Genetic Algorithm Optimization of Memory-Based WSD.” (with Decadt, Hoste, van den Bosch), Barcelona, Spain, July 26, 2004.
133. International Conference on Ontologies, Databases, and Applications of Semantics (ODBase’04), accepted paper on “Automatic Initiation of an Ontology”, (with Reinberger, Spyns, Pretorius), Larnaca, Cyprus, October 25-29, 2004.

**2003**

**2004**

134. Languages and The Media, 5th International Conference and Exhibition on Language Transfer in Audiovisual Media, Invited contribution on “Automatic sentence compression in the MUSA project.” (with Höthker), Berlin, Germany, November 3-5, 2004.
135. Computational Linguistics in the Netherlands 2004, accepted presentation on “Combining shallow text analysis and machine learning techniques for authorship attribution.” (with Luyckx), Leiden, The Netherlands, December 17, 2004.
136. Computational Linguistics in the Netherlands 2004, accepted poster presentation on “Memory-Based Biological Concept Tagging” (with Meyhi), Leiden, The Netherlands, December 17, 2004.
137. Computational Linguistics in the Netherlands 2004, accepted poster presentation on “Automatic ontology extraction for the building of a virtual environment” (with Meyhi), Leiden, The Netherlands, December 17, 2004.
138. Workshop on Machine Learning for Information Extraction, presentation on “Machine learning of shallow parsing for information extraction from text.” Antwerp, Hof Van Liere, March 10, 2005.
139. Ninth Conference on Natural Language Learning (CoNLL 2005), accepted paper on “Improving sequence segmentation learning by predicting trigrams.” (with Van den Bosch), Ann Arbor, MI, USA, June 29-30, 2005.
140. ICL-2005 workshop on learning language in logic, accepted paper on “Rule Meta-learning for Trigram-Based Sequence Processing.” (with Canisius, van den Bosch), Bonn, Germany, August 7, 2005.
141. ICML-2005 workshop on metalearning, accepted paper on “Comparing Learning Approaches to Coreference Resolution. There is more to it than bias.” (with Hoste), Bonn, Germany, August 11, 2005.
142. CALCUA symposium, contribution on “Extracting Knowledge from Text”, Antwerpen, October 20, 2005.
143. Computational Linguistics in the Netherlands 2005, accepted presentation on “Lexical representation in supervised machine learning.” (with Decadt), Amsterdam, The Netherlands, December 16, 2005.
144. EACL 2006 Workshop on Learning Structured Information in Natural Language Applications, accepted paper on “Constraint Satisfaction Inference: Non-probabilistic global inference for sequence labelling.” Trento, Italy, April 3, 2006.
145. Benelearn 2006. Accepted paper on “Comparing Learning Approaches to Language Learning. There is More to it Than Bias.” (with Hoste), Ghent, Belgium, May 12, 2006.
146. LREC 2006 Workshop Toward Computational Models of Literary Analysis, accepted paper on “Stylogenetics: Clustering-Based Stylistic Analysis of Literary Corpora.” (with Luyckx, Vanhoutte), Genoa, Italy, May 22, 2006.
147. International Conference on Language Resources and Evaluation (LREC 2006), accepted paper on “A mixed word/morphological approach for extending CELEX for high coverage on contemporary large corpora.” (with De Pauw, Vaneyghen, Van Compernelle), Genoa, Italy, May 26, 2006.
148. Conference on Natural Language Learning (CoNLL X). Accepted paper (with Glickman, Dagan, Keller, Bengio) on “Investigating lexical substitution scoring for subtitle generation.” New York, USA, June 8, 2006.
149. BNAIC Conference, accepted paper on “Discrete versus probabilistic sequence classifiers for domain-specific entity chunking.” (with Canisius, Van den Bosch), Namur, Belgium, October 6, 2006.
150. CLIN 2006, accepted paper on “An efficient memory-based morphosyntactic tagger and parser for Dutch” (with Busser, Van den Bosch, Canisius), Leuven, Belgium, January 12, 2007.
151. CLIN 2006, accepted paper on “The automatic resolution of ”hetin a machine learning approach to Dutch coreference resolution ” (with Hoste, Hendrickx), Leuven, Belgium, January 12, 2007.
152. CLIN 2006, accepted paper on “Evaluating hybrid versus data-driven coreference resolution” (with Hoste, Hendrickx), Leuven, Belgium, January 12, 2007.
153. 6th Discourse Anaphora and Anaphor Resolution Colloquium, accepted paper on “Evaluating hybrid versus data-driven coreference resolution.” (with Hendrickx, Hoste), Lagos, Portugal, March 30, 2007.
154. Workshop Machine Learning for Natural Language Processing. Accepted poster presentation on “Adding Semantic Information: Unsupervised Clusters for Coreference Resolution” (with Hendrickx), Amsterdam, The Netherlands, May 16, 2007.
155. International Conference TSD 2007, accepted paper on “Disambiguation of the neuter pronoun and its effect on pronominal coreference resolution.” (with Hendrickx, Hoste), Plzen, Czech Republic, September 6, 2007.
156. CLIN 2007, accepted paper on “COREA Wrap up: the corpus and evaluation” (with Iris Hendrickx, Gosse Bouma, Frederik Coppens, Veronique Hoste, Anne-Marie Mineur, Joeri Van Der Vloet, Jean-Luc Verschelde), Nijmegen, The Netherlands, December 7, 2007.
157. CLIN 2007, accepted paper on “ Predicting Author Personality from Text” (with Luyckx), Nijmegen, The Netherlands, December 7, 2007.
158. CICLing-2008 Conference, accepted paper on “Semantic and syntactic features for anaphora resolution for Dutch.” (with Hendrickx, Hoste), Haifa, Israel, 17-23 February, 2008.

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159. Workshop on Parsing and Semantic Role Labeling, presentation on “Domain Adaptation in Memory-Based Shallow Parsing.”, Tilburg, February 26, 2008.
160. Sixth International Conference on Language Resources and Evaluation (LREC 2008), accepted paper on “Personae: A Corpus for Author and Personality Prediction from Text.” (with Luyckx), Marrakech, May 28, 2008.
161. Sixth International Conference on Language Resources and Evaluation (LREC 2008), accepted paper on “Coreference resolution for extracting answers for Dutch.” (with Hendrickx, Bouma, Coppens, Hoste, Kloosterman, Mineur, van der Vloet, Verschelde), Marrakech, May 28, 2008.
162. 5th International Natural Language Generation Conference (INLG 2008), accepted paper on “CNTS: memory-based learning of generating repeated references.” (with Hendrickx, Luyckx, Morante, Van Asch), Salt Fork, Ohio, USA, June 13, 2008.
163. Digital Humanities 2008, accepted paper on “Using Syntactic Features to Predict Author Personality from Text” (with Luyckx). Oulu, Finland, June 26, 2008.
164. 12th CoNLL, accepted paper on “A combined memory-based semantic role labeler of English.” (with Morante, Van Asch), Manchester, UK, August 16-17, 2008.
165. COLING 2008, accepted paper on “Authorship Attribution and Verification with Many Authors and Limited Data.” (with Luyckx), Manchester, UK, August 19, 2008.
166. EMNLP 2008 Conference, accepted paper on “Learning the Scope of Negation in Biomedical Texts.” (with Morante, Liekens), Honolulu, 25-27 October, 2008.
167. 20th Belgian-Netherlands Conference on Artificial Intelligence (BNAIC 2008), accepted paper on “Authorship Attribution and Verification with Many Authors and Limited Data.” (with Luyckx), Enschede, The Netherlands, October 31, 2008.
168. Taal in Bedrijf, presentation on “My Word Coach: taaltechnologie voor en Nintendospel” (with Vervloesem, Van den Bosch), Brussel, November 19, 2008.
169. 19th Computational Linguistics in the Netherlands, accepted contributions on “Extending a Shallow Parser with PP-attachment and a comparison with full statistical parsing” (with Van Asch), “Aligning complex translational correspondences via bootstrapping” (with Macken), “TACTiCS: a Tool for Analyzing and Categorizing Texts using Characteristics of Style.” (with Luyckx), Groningen, January 22, 2009.
170. 22nd annual CUNY conference on human sentence processing (CUNY 2009), accepted poster on “An exemplar-based approach to sentence comprehension.” (with Vandekerckhove, Sandra), March 26-28, Davis, USA, 2009.
171. EACL 2009, accepted paper on “A robust and extensible exemplar-based model of thematic fit.” (with Vandekerckhove, Sandra), Athens, Greece, April 2, 2009.
172. 12th European workshop on Natural Language Generation, accepted paper on “Is sentence compression an NLG task?” (with Marsi, Krahmer, Hendrickx), Athens, Greece, April 2, 2009.
173. Psycholinguistics in Flanders 2009, contribution on “An exemplar-based approach to sentence comprehension.” (with Vandekerckhove, Sandra), Antwerpen, May 18-19, 2009.
174. Workshop on BioNLP, accepted paper on “A memory-based learning approach to event extraction in biomedical texts.” (with Morante and Van Asch), Boulder, Colorado, June 4-5, 2009.
175. CoNLL 2009, accepted paper on “A metalearning approach to processing the scope of negation.” (with Morante), Boulder, Colorado, June 4-5, 2009.
176. BioNLP workshop, accepted paper on “Learning the scope of hedge cues in biomedical texts.” (with Morante), Boulder, Colorado, June 4-5, 2009.
177. Workshop on language generation and summarization, accepted paper on “Reducing redundancy in multi-document summarization using lexical semantic similarity.” (with Hendrickx, Marsi, Krahmer), Singapore, August 6, 2009.
178. RANLP conference accepted paper on “Prepositional phrase attachment in shallow parsing.” (with Van Asch), Borovce, Bulgaria, September 15, 2009.
179. RANLP conference accepted paper on “Prototype-based active learning for lemmatization.” (with Groenewald, Van Huyssteen), Borovce, Bulgaria, September 15, 2009.
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